

Post Remediation Groundwater Monitoring Report

Plots NT02, NT03 and NT04, Northern
Gateway, Dantzig Street

for

Far East Consortium



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21/10/2025



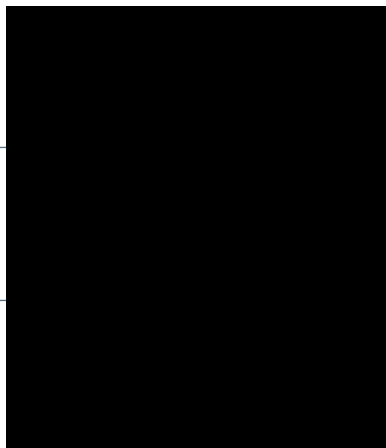
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1.0 INTRODUCTION

This Groundwater Monitoring Report has been developed in response to the agreed Remediation Strategy (Ref: RSK 11834 R02 (04), dated February 2024) and subsequent Groundwater Monitoring Plan (Ref: 4328-ROC-XX-XX-RP-S-WMP1, dated February 2024) for the site named Plot NT02, NT03 and NT04, Dantzie Street under planning permission 136814/FO/2023.

This report presents the results of the groundwater monitoring and sampling undertaken between May 2025 and August 2025 following remediation activities at the site which are documented in the Verification report (Ref: 171111-R01 (01), dated August 2025). The groundwater monitoring is in accordance with the Water Monitoring Plan and the NT02-Groundwater Post Remediation Monitoring plan (Ref:4328-ROC-XX-XX-RP-S-GWPRM, dated January 2025) which have both been agreed with the Environment Agency. Specifically, this report focuses on trends in concentrations of volatile organic compounds (VOC) namely trichloroethene (TCE) and its daughter products, carbon tetrachloride, chloroform, vinyl chloride and sum-1,2 dichloroethene (cis and trans).

The objective of the post remediation groundwater monitoring is to ensure the continuity and consistency of groundwater sampling in accordance with the agreed Groundwater Monitoring Plan and to monitor potential groundwater quality changes and assess groundwater chemical trends across the site post remediation activities. This will enable an assessment on the effectiveness of the groundwater remediation treatment which has been completed at the site and provide information on the potential requirement for further groundwater monitoring and sampling.

Groundwater concentrations of VOC from the recent monitoring rounds subject to this report (between May 2025 and August 2025) have been compared to the Drinking Water Standards (DWS) and Remedial Target Values (RTVs) which were derived in the Detailed Remediation Strategy (Ref: 11834 R02 (04) dated February 2024).

2.0 BACKGROUND

2.1 Site Location

The site location details are presented in **Table 1**.

Table 1: Site location details

Site name	Plots NT02, NT03 and NT04, Dantzic Street, Manchester
Full site address and postcode	M4 4NL
National Grid reference (centre of site)	E384690, N399470

2.2 Site Description

The wider site is divided into three distinct areas namely Plot NT02 (west of the site), Plot NT02 (centre of the site) and Plot NT04 (east of the site). The site covers a total area of approximately 2.30 hectares and is located to the south of Dantzic Street, Manchester. A plan showing the wider site is provided in **Appendix A**.

The subject site (Plot NT02) is a rectangular parcel of land which is situated in the western area of the wider site, with a total area of approximately 0.32 hectares.

The River Irk is located approximately 20 m to the north of the site, which flows in a northeasterly to south-westerly direction.

It is understood that the site was previously occupied by light industrial buildings which have now been demolished. An enabling works phase for the site was completed by BAM Nuttal, which included the following scope items:

- site clearance and enabling works associated with the proposed works including the demolition of existing structures across the site and removal of existing hardstanding
- reduced level dig to form development platforms and creation of temporary access roads
- excavation of chlorinated solvent impacted soils in the southern portion of Plot NT02
- in-situ remediation of ground water impacted by chlorinated solvent contamination
- formation of a new piled retaining wall
- diversion of an existing gas main, and
- other miscellaneous enabling activities, such as service disconnections and site hoardings

The soil remediation works were completed between April 2024 and November 2024 and have been reported within the Phase 3b Interim Validation Report (Ref: 4328-ROC-ZZ-XX-RP-ES-P3B101, dated September 2025).

The site has since undergone groundwater remedial treatment between February 2025 and June 2025, which is reported within the ISCR Verification Report (Ref: 171111 R01 (01), dated August 2025).

2.3 Previous Reports

The following previous reports have been completed for the wider site:

- Hydrock, December 2015. Ground Conditions Desk Study (ref: R/151819/G001)
- Allied Exploration & Geotechnics Ltd, March 2019. Northern Gateway Final Factual Report (Contract Number: NW1580)
- LK, March 2020. Phase 2 Geo-Environmental Investigation, Risk Assessment and Remediation Strategy, at **Plot NT02 only** (ref: CL-602-LKC 20 1060-01)
- RoC Consulting, January 2023. Phase 1 Desktop Study (ref: 4328-ROC-ZZ-XX-RP-ES-PH1DTS)
- RoC Consulting, January 2023. Technical Note at **Plot NT03** Network Rail Mound (ref. 4328-ROCZZ-XX-TN-ES-TN2)
- Phase 2 site investigation report covering **all plots**, completed by RoC Consulting in October 2022 (ref. 4328-ROC-ZZXX-RP-ES-P2-101 Rev05), updated following completion of supplementary SI works in June 2023, November and December 2023
- RSK Controlled Waters Risk Assessment (CWDQRA), at **Plot NT02 only**, completed by RSK in July 2023 and updated in December 2023 (ref. 11847 R01 (01))
- RSK, February 2024. Outline Phase 3a Detailed Remediation Strategy report (ref:11834 R02 (04)) covering **all plots**
- RoC, February 2024. Groundwater Monitoring Plan (ref:4328-ROC-XX-XX-RP-S-WMP1) covering **all plots**
- RoC, January 2025. NT02 Groundwater Post Remediation Monitoring (ref: 4328-ROC-XX-XX-RP-S-GWPRM) covering **Plot NT02**
- Remedx Ltd, August 2025. ISCR Injection Works, Victoria North, Manchester Verification Report (ref: 171111-R01 (01)) covering **Plot NT02**
- RoC, August 2025. Groundwater Monitoring Report (ref: 4328-ROC-ZZ-XX-RP-ES-GWMR01 issue No. 09) covering **Plot NT02 and part of Plot NT03**
- RoC, September 2025. Phase 3b Interim Validation Report (ref: 4328-ROC-ZZ-XX-RP-ES-P3B101) covering **all plots**



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The above RoC, RSK and Remedx reports should be considered in conjunction with this report for further details on the site and previous assessments.

2.4 Site Background

Phase 2 Ground Investigation

A ground investigation was undertaken by RoC in 2022 which identified a VOC, mainly trichloroethene (TCE) within soils and groundwater in the southern area of Plot NT02. Supplementary phases of investigation were undertaken in 2023 in order to further assess the nature and extent of the TCE plume in Plot NT02.

A plume of dissolved phase TCE and daughter products including sum of trans-1,2 dichloroethene and cis-1,2-dichloroethene (DCE), vinyl chloride (VC) and carbon tetrachloride (CTC) were identified within the underlying Chester Formation (sandstone), designated as a principal aquifer by the Environment Agency.

The TCE contamination in soils and groundwater is thought to have originated from the historic metal working or bolt manufacturing plant located in the south of Plot NT02.

Following completion of the Generic Quantitative Risk Assessment (GQRA) (Ref: 4328-ROC-ZZ-XX-RP-ES-P2-101 Rev05, dated December 2023), a Detailed Quantitative Risk Assessment (DQRA) was undertaken to further assess the risks to controlled waters (Ref: 4328-ROC-ZZXX-RP-ES-P2-101 Rev05, dated December 2023). The DQRA indicated that TCE contamination (and its daughter products) present in soil and groundwater underlying the site pose a risk to off-site receptors and warrant remediation. Remedial Target Values (RTVs) were derived for the treatment of soil and groundwater beneath the site.

A pollutant linkage was considered to exist between TCE, DCE, vinyl chloride and carbon tetrachloride soil source and dissolved phase plume extending beneath Plot NT02 and controlled waters via leaching and vertical migration through the unsaturated zone and / or lateral migration through dissolved phase to the wider principal aquifer of the Chester Formation. The high density and low solubility of TCE can mean that this contamination can be found as a dense non-aqueous phase liquid (DNAPL) within the groundwater.

Due to the more cohesive nature of the Manchester Marl underlying the Chester Formation, it is likely any potential DNAPL would accumulate on the surface of the Manchester Marl Formation. Site investigation and groundwater monitoring has not identified any DNAPL present in any of the monitoring wells, including at RBH502, the predicted lowest elevation point of the Manchester Marl Formation where any DNAPL present would be expected to have accumulated.

Detailed Remediation Strategy

A detailed remediation strategy report was completed by RSK (Ref:11834 R02 (04), dated February 2024, which details the remedial requirements for the site for the removal of primary and secondary contamination sources including the following:

- removal of VOC impacted unsaturated soils for offsite treatment or disposal
- the removal of domestic landfill material identified at Plot NT04 (outside the scope of this report)
- management of previously unidentified contamination
- use of an imported clean soil cover layer (600 mm) in areas of proposed soft landscaping
- asbestos mitigation measures to be employed during the redevelopment works including air monitoring and analysis
- Treatment of TCE impacted groundwater in Plot NT02 via in-situ chemical oxidation / reduction (ISCR)

In the absence of DNAPL and following removal of the soil source, it was recommended that direct treatment of the groundwater within underlying soils and bedrock be undertaken across the southern area of Plot NT02 and southwestern area of Plot NT03 within the area of TCE contamination in soil and groundwater. It was recommended that the groundwater should be monitored and tested during any treatment process against the Remedial Target Values (RTV).

In-situ chemical oxidation / reduction (ISCR) was considered the preferred groundwater treatment involving the injection of oxidant (or reducing) chemicals into the contaminated groundwater to produce a strongly oxidising / reducing environment within the groundwater body, such that residual contaminants of concern are reduced to their ultimate daughter compounds through a combination of direct chemical reduction and aerobic / anaerobic degradation.

At the time of writing the Detailed Remediation Strategy, groundwater data and aquifer parameters indicated that the groundwater environment was aerobic within the plume and anaerobic on the edges of plume. The ISCR process would therefore force anaerobic conditions increasing the capability of biodegradation and faster reduction in concentrations within the aquifer and reduce the spread to the wider aquifers.

The Detailed Remediation Strategy notes that the treatment process can be slowed if contaminants are trapped in hard-to-reach areas such as rock fractures which is potentially the case within the Chester Formation. There is also potential for contaminants to rebound following treatment, requiring further oxidant injection, which should be determined by ongoing groundwater monitoring and sampling. Once contaminants have decreased sufficiently, in cases where and the aquifer conditions allow, continued remediation of the plume could be implemented through monitored natural attenuation MNA.

The monitoring wells identified in the Detailed Remediation Strategy to be retained to support the design and validation of remediation works include:

- RBH501
- RBH502
- RBH203
- RBH503
- RBH504
- RBH505
- RBH305
- LKBH01

Groundwater Remediation

The groundwater remediation works which have been completed at the site to date are reported within the ISCR Injection Works Verification Report (Ref: 171111-R01 (01), dated August 2025). The specific objective of the ISCR works undertaken by the specialist remediation contractor Remedx was to deliver reagents capable of producing reducing conditions within the target saturated zone, for the long-term treatment of the contaminants of concern.

A total of 22 No. injection wells were installed to depths of between 13 mbgl to 15 mbgl on a regular grid covering the identified target area. Installation was undertaken between December 2024 and March 2025. Upon completion of the baseline groundwater monitoring (January 2025), a further 4 No. multipurpose monitoring and injection wells were installed, to enable refinement of the site conceptual model and providing additional delineation of the plume on site. Baseline groundwater monitoring for the second phase of well installation was completed in April 2025 by Remedx.

Injection of ISCR took place between February 2025 and June 2025 and was divided into 2 phases. A third injection phase was later implemented to target the additional 4 No. multipurpose wells.

Following monitoring during the initial injection procedure, the injection method was altered slightly and ultimately comprised four rounds of injection consisting of:

1. Injection of trace water (a solution of water and sodium sulphite; to deplete dissolved oxygen in the water used for injection, creating an anoxic solution)
2. Injection of diluted reagent (combination of a fermentable carbon source - Enhanced Reductive Dichlorination (ERD) amendment and Dual Valent Iron (DVI)) to 50% with trace water, and
3. Post reagent injection flush injection with trace water

A total of 26 t of ERD, 1.95 t of DVI, 35 kg of sodium sulfite and 201.126 t of trace water was injected in the injection process.

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Immediately following injection, groundwater was monitored for changes in geochemistry to ascertain the behaviour of reagents in the subsurface and confirm trends in oxidation-reduction potential (ORP), pH, conductivity and dissolved oxygen (DO). The results from the geochemistry monitoring confirmed the groundwater changed into a more anoxic and reductive environment during the course of the works, creating favourable conditions for reductive dichlorination.

Baseline groundwater sampling and laboratory analysis was completed to delineate the extent and magnitude of the plume prior to starting the remediation works (January and April 2025). Intermediate samples were taken during the works (April and May 2025) from selected wells to monitor the immediate effect of the remediation process on the contaminant profile. Visual inspection of the wells for the presence of reagents was also used as line of evidence for successful injection and distribution of reagents in the subsurface.

In order to provide further evidence to support the remediation works and the likelihood of ongoing microbial degradation of contaminants post injection, samples were taken by Remedx from selected wells before (October 2024) and after (June 2025) the injection works for microbial counting and profiling. The results provided additional evidence confirming the successful implementation of the works.

2.5 Groundwater Monitoring Plan

A Groundwater Monitoring Plan has been produced by ROC (Ref:4328-ROC-XX-XX-RP-S-WMP 1, dated February 2024) in addition to a Groundwater Post Remediation Monitoring Plan (Ref: 4328-ROC-XX-XX-RP-S-GWPRM, dated January 2025).

The following monitoring frequency was undertaken after the completion of the remediation works at the site:

- Monthly groundwater monitoring and sampling visits between May 2025 and August 2025 (testing for speciated petroleum hydrocarbons and VOCs)
- Additional analysis during the August 2025 monitoring and sampling round (including pH, sulphate, heavy metals, Poly Aromatic Hydrocarbons (PAHs), VOCs and dissolved organic carbon (DOC))

The Groundwater Post Remediation Monitoring Plan states that following implementation of the ISCR, ongoing monitoring will continue at the eight original monitoring wells at 30 days, 60 days and 90 days. A monitoring well location plan is provided in **Appendix A**.

In accordance with the Detailed Remediation Strategy, groundwater chemical results are to be screened against relevant Drinking Water Standards (DWS) and Remedial Target Value (RTV) screening criteria.

3.0 POST TREATMENT GROUNDWATER MONITORING AND SAMPLING

3.1 Groundwater Sampling Regime

Four rounds of monthly groundwater monitoring and sampling have been undertaken, post remedial treatment of the site, between May 2025 and August 2025. The groundwater monitoring locations selected were LKBH01, RBH203, RBH305 and RBH501 to RBH505, in accordance with the Detailed Remedial Strategy and Groundwater Monitoring Plan.

All of the monitoring wells are located in Plot NT02, with the exception of RBH305, RBH503 and RBH504 which are located in Plot NT03. A summary of the borehole locations and details on the monitoring well response zones are presented in **Table 2** below and the location of the monitoring wells is presented in **Appendix A**.

Table 2: Monitoring well details

Borehole Location	Easting	Northing	Drilled Depth (m bgl)	Top of Response Zone (mbgl)	Bottom of Response Zone to (mbgl)	Response Zone Strata
LKBH01	384584.12	399437.22	15.00	5.00	15.00	Chester and Manchester Marl Formation
RBH203	384618.25	399396.81	19.50	10.00	15.00	Chester Formation
RBH305	384634.50	399466.27	20.00	5.00	9.00	Chester Formation
RBH501	384631.84	399390.90	16.00	4.50	15.00	Chester Formation
RBH502 (P1)	384604.49	399389.90	20.30	5.50	18.30	Chester Formation
RBH503	384616.00	399448.078	12.50	5.00	10.00	Chester Formation
RBH504	384644.99	399416.28	14.50	4.50	11.95	Chester Formation
RBH505 (P1)	384585.91	399449.79	14.50	4.50	11.80	Chester Formation

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It should be noted that RBH502 and BH505 are dual installations. The shallower monitoring well pipe only (P1), installed within the Chester Formation bedrock, was monitored and sampled as part of this groundwater monitoring plan for both monitoring well locations.

A copy of the field monitoring records is provided in **Appendix C** and a summary of the monitoring visits and testing regime is provided in **Table 3** below.

Table 3: Summary of groundwater monitoring and sampling

Date of visit	Work Undertaken	No. Samples Scheduled	Analytes tested
29 th May 2025	Water levels dipped at all monitoring wells and samples collected via low-flow method.	8 samples obtained (LKBH01, RBH203, RBH305, RBH501 to RBH505)	Speciated TPH, BTEX, MTBE and VOCs
24 th and 25 th June 2025	Water levels dipped at all monitoring wells and samples collected via low-flow method.	8 samples obtained (LKBH01, RBH203, RBH305, RBH501 to RBH505)	Speciated TPH, BTEX, MTBE and VOCs
23 rd July 2025	Water levels dipped at all monitoring wells and samples collected via low-flow method.	8 samples obtained (LKBH01, RBH203, RBH305, RBH501 to RBH505)	Speciated TPH, BTEX, MTBE and VOCs
19 th and 20 th August 2025	Water levels dipped at all monitoring wells and samples collected via low-flow method.	8 samples obtained (LKBH01, RBH203, RBH305, RBH501 to RBH505)	pH, sulphate, cyanide (total), phenols, DOC, heavy metals including chromium hexavalent, speciated PAHs, speciated TPHs, BTEX, MTBE and VOCs

Depths to groundwater were recorded using an electronic interface probe on each monitoring visit. Groundwater samples were retrieved using low flow sampling methods where appropriate in general accordance with British Standard 5667 (2009). Groundwater samples were dispatched to a suitably accredited UKAS testing facility.

The results of groundwater monitoring and testing are summarised in **Section 4.0** of this report.

4.0 POST TREATMENT GROUNDWATER MONITORING RESULTS

4.1 Groundwater Levels

The groundwater levels recorded for monitoring visits undertaken between May 2025 and August 2025 were between 3.93 m bgl (LKBH01 in May 2025) and 7.02 m bgl (RBH203 in August 2025), at a groundwater elevation between 26.40 m AOD (RBH305 in August 2025) and 29.47 m AOD (RBH504 in June 2025).

Groundwater elevations recorded indicate the groundwater levels within the Chester Formation (principal aquifer) (RBH203, RBH305, RBH501 to RBH505) and the Chester Formation and Manchester Marl (secondary B aquifer) (LKBH01).

A groundwater flow direction generally to the north has been inferred towards the River Irk, with some westerly influence in the southern portion of the site consistent with the findings during the previous phases of investigation and monitoring at the site. Groundwater contour plots are provided in **Appendix A**.

Groundwater levels across the site generally decreased (become deeper) during the August 2025 monitoring round compared to the May 2025 monitoring round, with some variation for monitoring rounds in between. The general decrease in groundwater level over the monitoring period is likely due to seasonal variation, however the remediation works undertaken between February 2025 and June 2025 may have attributed to some of the groundwater fluctuations recorded.

A full table of groundwater monitoring results is available in **Appendix C** of this report.

It should be noted that dense non-aqueous phase liquid (DNAPL) was not recorded throughout the monitoring period. A light non-aqueous phase liquid (LNAPL) was recorded in RBH203 between May 2025 and July 2025, reducing in thickness from 1.04 m to 0.60 m. During the August 2025 monitoring round LNAPL was not recorded. The LNAPL recorded is likely a result of the remediation works that were undertaken between February and June 2025.

4.2 Summary of Chemical Testing Results

A factual output of all the groundwater monitoring results recorded between May 2025, and August 2025 is presented in **Appendix D** and discussed further below.

Concentrations VOCs were analysed for all four monitoring rounds undertaken between May 2025 and August 2025, the results for which are summarised as follows:

- The majority of VOCs analysed were reported below or close to the LMDL, with the exception of carbon tetrachloride, chloroform, trichloroethene, vinyl chloride and sum-1,2 dichloroethene (cis and trans)
- Concentrations of carbon tetrachloride above the LMDL range between 4µg/l (RBH501 in August 2025) and 307 µg/l (RBH502 in August 2025)
- Concentrations of chloroform above the LMDL range between 1µg/l (RBH203 in August 2025) and 193 µg/l (RBH501 in May 2025)
- Concentrations of trichloroethene above the LMDL range between 5 µg/l (RBH203 in June 2025) and 244µg/l (RBH501 in May 2025)
- Concentrations of vinyl chloride above the LMDL range between 22 µg/l (RBH503 in August 2025) and 51 µg/l (LKBH01 in July 2025)
- Concentrations of sum-1,2 dichloroethene (cis and trans) above the LMDL range between 1 µg/l (RBH502 in June and August 2025) and 442 µg/l (LKBH01 in August 2025)

4.3 Trend Analysis of COPC Concentrations

For the primary risk driving compounds carbon tetrachloride, chloroform, trichloroethene, vinyl chloride and sum-1,2 dichloroethene (cis and trans), groundwater laboratory results from the monitoring four monitoring rounds undertaken between May 2025 and August 2025 have been analysed using the Groundwater Spatio-Temporal Data Analysis Tool (GWSDAT) (v3.2) in order to visualise the trends in groundwater monitoring data.

The GWSDAT outputs are presented in **Appendix E** in the form of plume plots showing the interpolated lateral distribution of selected COPC in groundwater from each monitoring event, and graphical presentations of concentrations of COPC and groundwater levels in each monitoring well over time.

The chosen contaminants have been abbreviated in the titles of these plots as presented in **Table 4**.

Table 4: Contaminant Abbreviations

Abbreviation	Contaminant
CF	Chloroform
TCE	Trichloroethene
DCE	Sum-1,2 Dichloroethene (cis and trans)
VC	Vinyl Chloride
CTC	Carbon Tetrachloride

Trichloroethene (TCE) concentration trends

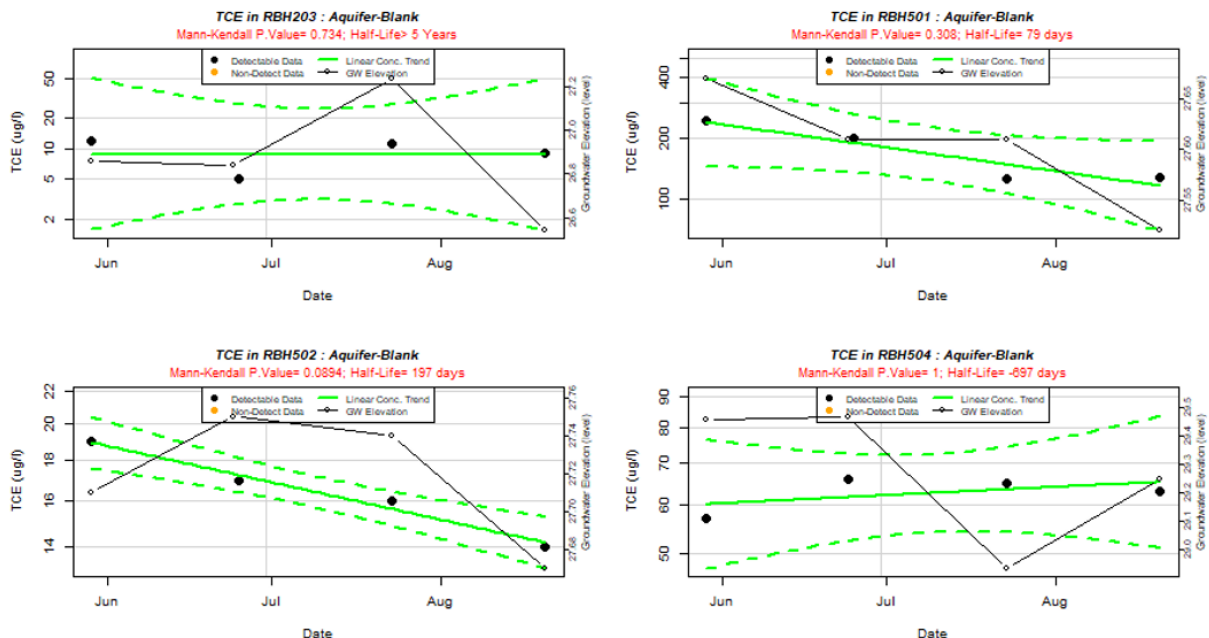
Concentrations of trichloroethene have been recorded below the LMDL in LKBH01, RBH305, RBH503 and RBH505 throughout the monitoring period between May 2025 and August 2025.

Maximum concentrations of trichloroethene were reported in RBH501 in May 2025 (max. 244 µg/l), with concentrations generally indicating a decreasing trend between May 2025 and August 2025 (127 µg/l). The decrease in trichloroethene concentration in RBH501 over this monitoring period also indicates a potential correlation with the decrease in groundwater level.

Concentrations of trichloroethene were also recorded above the LMDL in RBH203, RBH502 and RBH504. Concentrations of TCE in RBH502 indicate a general decreasing trend over the monitoring period, with maximum concentrations reported in May 2025 (19 µg/l) decreasing by August 2025 (14 µg/l). Concentrations of TCE in RBH203 have remained generally consistent with some variation between May 2025 (12 µg/l) and August 2025 (9 µg/l). Concentrations of TCE in RBH504 indicate an initial increase in concentration between May 2025 (57 µg/l) and June 2025 (66 µg/l) but has since reported a slight decrease in concentration (63 µg/l in August 2025).

Overall, it appears maximum concentrations of trichloroethene have generally decreased in RBH501 over the monitoring period with a potential correlation between trichloroethene concentrations and a reduction in groundwater level. TCE concentrations in RBH203, RBH502 and RBH504 have remained fairly consistent over the monitoring period.

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(Extract taken from Appendix E)

Chloroform (CF) Concentration Trends

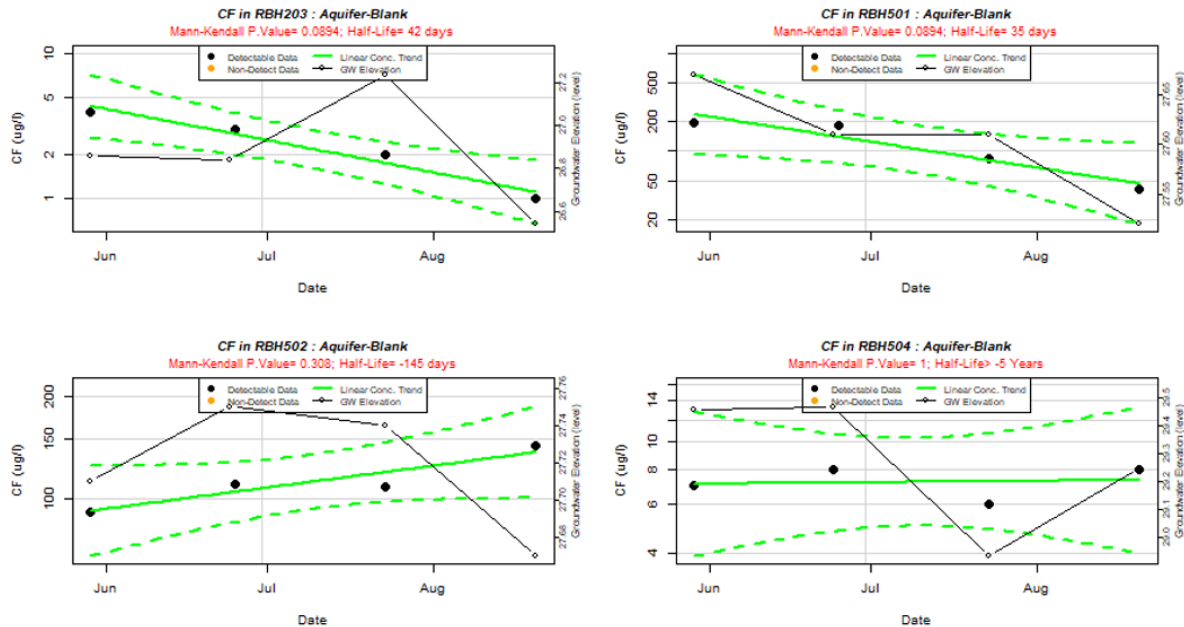
Concentrations of chloroform were reported below the LMDL in LKBH01, RBH305, RBH503 and RBH505 throughout the monitoring period between May 2025 and August 2025.

Maximum concentrations of chloroform were reported in RBH501 (max. 193 µg/l in May 2025) and RBH502 (max. 144 µg/l in August 2025). In RBH501 chloroform concentrations appear to indicate a general decreasing trend between May 2025 (193 µg/l) and August 2025 (41 µg/l) which also correlates with a general reduction in groundwater level. Concentrations of chloroform in RBH502 indicate a general increase in concentrations between May 2025 (92 µg/l) and August 2025 (144 µg/l).

Concentrations of chloroform indicate a decreasing trend in RBH203 between May 2025 (4 µg/l) and August 2025 (1 µg/l). In RBH504 chloroform concentrations have remained relatively consistent between May 2025 (7 µg/l) and August 2025 (8 µg/l).

Overall, concentrations of chloroform reported above the LMDL in RBH501 and RBH203 indicate a general decreasing trend between May 2025 and August 2025, with chloroform concentrations in RBH504 remaining relatively consistent. Concentrations of chloroform in RBH502 indicate a general increasing trend between the May 2025 and August 2025 monitoring rounds.

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(Extract taken from Appendix E)

Sum- 1,2 Dichloroethene (DCE) Concentration Trends

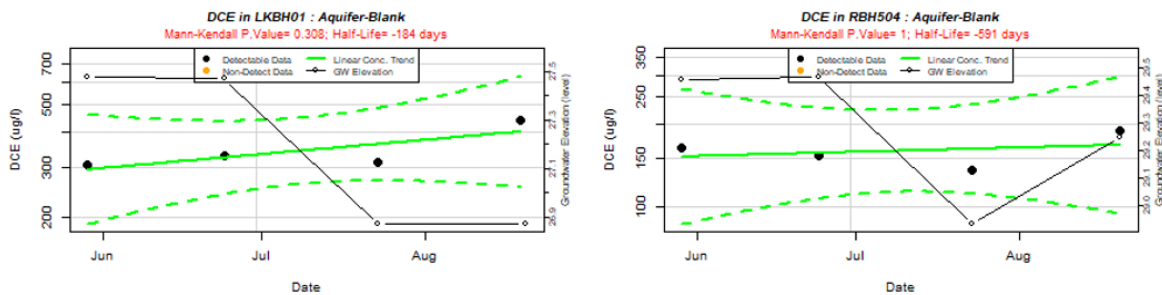
Concentrations of DCE were reported below the LMDL in RBH305 and RBH505, for the monitoring period between May 2025 and August 2025.

Maximum concentrations of DCE were reported in LKBH01 (442 µg/l in August 2025) and RBH504 (189 µg/l in August 2025). Concentrations of DCE in LKBH01 show a general increasing trend between May 2025 (307 µg/l) and August 2025 (442 µg/l), with DCE concentrations in RBH504 indicating an initial decrease between May 2025 (163 µg/l) and July 2025 (136 µg/l) but increasing in August 2025 (189 µg/l). The increase in concentration in RBH504 between July 2025 and August 2025 shows some correlation to the higher water level recorded in August 2025 compared to the July 2025 water level.

Concentrations of DCE in RBH501 and RBH502 indicate a slight general decreasing trend between May 2025 (7 µg/l and 4 µg/l respectively) and August 2025 (5µg/l and 1 µg/l respectively). Concentrations of DCE in RBH203 and RBH503 show some variation with RBH503 indicating a slight increasing trend between May 2025 (55 µg/l) and August 2025 (63 µg/l) and concentrations in RBH203 showing an initial increase between May 2025 (3 µg/l) and June 2025 (11 µg/l) but then remaining fairly consistent until August 2025 (9 µg/l).

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Overall, concentrations of DCE reported above the LMDL were recorded in LKBH01, RBH203, RBH501, RBH502, RBH503, RBH504, with maximum concentrations reported in LKBH01 (442 µg/l) and RBH504 (189 µg/l) in August 2025. Concentrations of DCE in LKBH01 show a general increasing trend, with concentrations in RBH504 indicating an initial decrease between May 2025 and July 2025 but increasing to the maximum reported concentration in August 2025. This increase also appears to correlate with a higher groundwater level during this morning round. Concentrations of DCE appear to demonstrate a slight decreasing trend in RBH501 and RBH502 and fluctuate in RBH203 and RBH503.



(Extract taken from Appendix E)

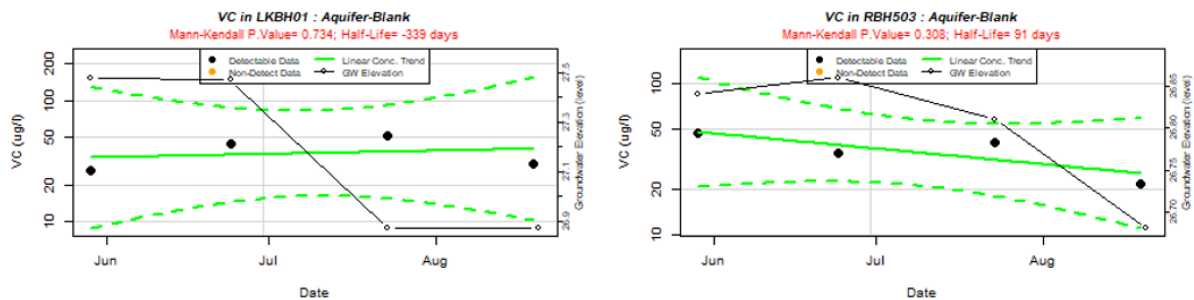
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Vinyl chloride (VC) Concentration Trends

Concentrations of vinyl chloride were reported below the LMDL in RBH203, RBH305, RBH501, RBH502, RBH504 and RBH505 during the monitoring period between May 2025 and August 2025.

Concentrations of vinyl chloride above the LMDL were detected in LKBH01 (max. 51 µg/l in July 2025) and RBH503 (max. 47 µg/l in May 2025). Concentrations of vinyl chloride in LKBH01 indicate an initial increasing trend between May 2025 (26 µg/l) and July 2025 (51 µg/l) but then decrease during the August 2025 monitoring (30 µg/l).

This also corresponds with a reduction in groundwater level between June and July 2025, which remains at a consistent level in August 2025. Concentrations of vinyl chloride in RBH503 fluctuate but indicate an overall decrease in concentrations between May 2025 (47 µg/l) and August 2025 (22 µg/l).



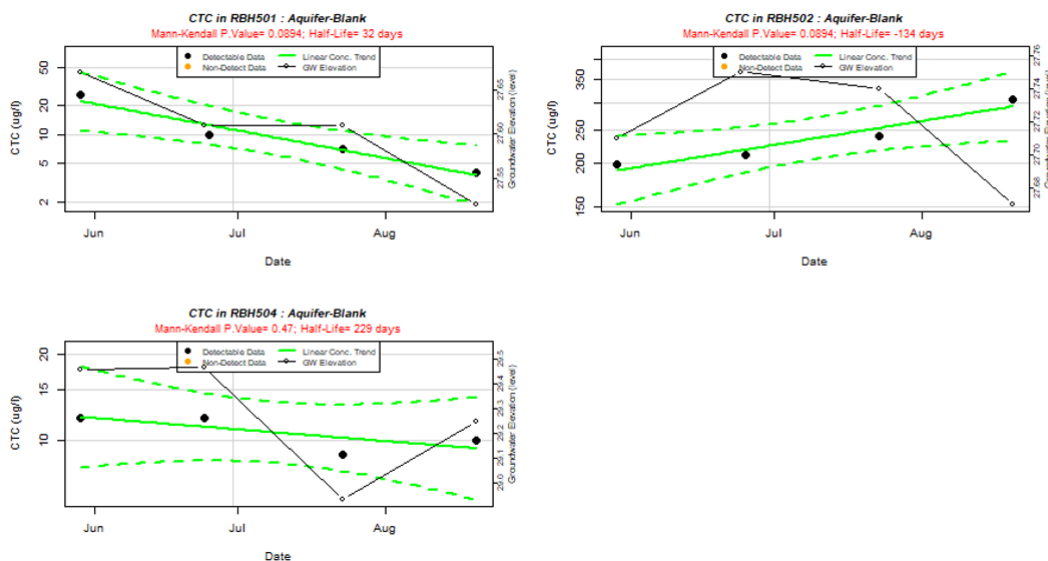
(Extract taken from Appendix E)

Carbon Tetrachloride (CTC) Concentration Trends

Concentrations of carbon tetrachloride were recorded below the LMDL in LKBH01, RBH203, RBH305, RBH503 and RBH505 during the monitoring period between May 2025 and August 2025. Maximum concentrations of carbon tetrachloride were reported in RBH502 (307 µg/l) in August 2025. Concentrations of carbon tetrachloride appear to indicate an increasing trend between May 2025 (199 µg/l) and August 2025 (307 µg/l).

Concentrations of carbon tetrachloride above the LMDL were also reported in RBH501 and RBH504. Concentrations of carbon tetrachloride in RBH501 indicate a decreasing trend between May 2025 (26 µg/l) and August 2025 (4 µg/l), which also correlates with a reducing water level during this period. Concentrations of carbon tetrachloride in RBH504 show some fluctuation but generally indicate a slight decreasing trend between May 2025 (12 µg/l) and August 2025 (10 µg/l).

Overall, carbon tetrachloride concentrations detected above the LMDL were reported in RBH501, RBH502 and RBH504, with maximum concentrations reported in RBH502 (307 µg/l) in August 2025. Concentrations of carbon tetrachloride indicate an increasing trend in RBH502 and an overall decreasing trend in RBH501 and RBH504. The decreasing trend recorded in RBH501 also correlates with a reduction in groundwater level during the monitoring period.



(Extract taken from Appendix E)

Discussion on VOC Concentration Trends

During groundwater monitoring undertaken between May 2025 and August 2025 concentrations of TCE and chloroform were recorded above the LMDL in RBH203, RBH501, RBH502, located in the southern area of Plot NT02, and RBH504, located adjacent to the west within Plot NT03, only.

Concentrations of TCE and chloroform generally indicate a decreasing trend, especially at RBH501, located in the southern area of the site and inferred up hydraulic gradient, where maximum concentrations were reported in May 2025. Some fluctuations of trichloroethene and chloroform concentrations were recorded in RBH203 and RBH504, but concentrations remain relatively consistent. However, an increase in concentrations of chloroform have been reported in RBH502 between May 2025 (92 µg/l) and August 2025 (144 µg/l) located on the western boundary of Plot NT02 to the northwest of the soil turnover area.

The reported maximum concentration of DCE was at LKBH01, located in the northern area of Plot NT02, and RBH504, located adjacent to the west within Plot NT02. Concentrations of DCE appear to show an increasing trend at LKBH01, which is located inferred down hydraulic gradient of the treatment area. In RBH504 an initial decreasing trend was recorded between May 2025 and July 2025, but concentrations increase to the maximum reported concentration in August 2025. Concentrations of DCE in RBH501 and RBH502 indicate a slight decreasing trend, and fluctuating concentrations are reported in RBH203 and RBH503.

Although an increase in DCE concentrations is indicated at LKBH01 (inferred down hydraulic gradient of the treatment area), the reported concentrations are within the range previously detected at this location where a maximum DCE of 602 µg/l was detected in January 2023. It is also noted that the effects of the remediation will not likely be seen at LKBH01 due to the predicted contaminant travel time over the distance from the treatment area (~50m) calculated in the DQRA of 23 years for DCE.

Concentrations of vinyl chloride were reported above the LMDL in LKBH01 and RBH503. Concentrations of vinyl chloride in LKBH01 indicate an initial increase between May 2025 and July 2025, potentially due to the treatment of trichloroethene in the southern area of the site and decrease during the August 2025 monitoring round. Vinyl chloride concentrations in RBH503 fluctuate but indicate an overall decrease.

Concentrations of carbon tetrachloride were reported above the LDML in RBH501, RBH502 and RBH504, with maximum concentrations reported in RBH502. Concentrations in RBH502 appear to demonstrate an increasing trend.

Monitoring well RBH502 is located on the western boundary of Plot NT02 to the northwest of the soil turnover area. i. A decreasing trend is inferred in RBH501 and RBH504.

4.4 Comparison with Target Concentrations

Comparison to the Drinking Water Standards (DWS)

The VOC concentrations recorded within groundwater at the site between May 2025 and August 2025 have been compared with the relevant Controlled Waters GAC, presented within **Appendix F** – namely the Drinking Water Standards (DWS) based on the underlying Principal bedrock aquifer (Chester Formation).

The groundwater results found to exceed the GAC are summarised in **Table 5** below.

Table 5: Summary of groundwater VOC exceedance of the DWS

Determinands	DWS (µg/l)	No. of tests	No. of sample exceedances	Locations of exceedances and Max. concentration (µg/l)			
				May 2025	June 2025	July 2025	August 2025
Volatile Organic Compounds (VOCs)							
Carbon tetrachloride	3	32	12	RBH501 (26), RBH502 (199), RBH504 (12)	RBH501 (10), RBH502 (212), RBH504 (12)	RBH501 (7), RBH502 (240), RBH504 (9)	RBH501 (4), RBH502 (307), RBH504 (10)
Chloroform	100	32	5	RBH501 (193)	RBH501 (184), RBH502 (111)	RBH502 (109)	RBH502 (144)
Trichloroethene	10	32	14	RBH501 (244), RBH502 (19), RBH504 (57), RBH203 (12)	RBH501 (199), RBH502 (17), RBH504 (66)	RBH501 (125), RBH502 (16), RBH504 (65) RBH203 (11)	RBH501 (127), RBH502 (14), RBH504 (63)
Vinyl chloride	0.5	32	8*	LKBH01 (26), RBH503 (47)	LKBH01 (44), RBH503 (35)	LKBH01 (51), RBH503 (41)	LKBH01 (30), RBH503 (22)

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Determinands	DWS (µg/l)	No. of tests	No. of sample exceedances	Locations of exceedances and Max. concentration (µg/l)			
				May 2025	June 2025	July 2025	August 2025
SUM - 1,2 Dichloroethene (cis and trans)	50	32	12	LKBH01 (307), RBH503 (55), RBH504 (163)	LKBH01 (332), RBH503 (59), RBH504 (154)	LKBH01 (315), RBH503 (51), RBH504 (136)	LKBH01 (442), RBH503 (63), RBH504 (189)
Notes: Text highlighted in Bold is the maximum concentration recorded between May 2025 and August 2025 (*) refers to maximum concentration recorded for VOC benzene and BTEX benzene							

It should be noted that the DWS for vinyl chloride (0.5 µg/l) is lower than the laboratory detection limit (<1 µg/l). The concentrations reported below the LMDL are not considered a risk to controlled waters and therefore have not been included as an exceedance of the DWS.

A figure to show the groundwater VOC concentrations and exceedances compared to the DWS is presented in **Appendix A**.

Discussion on VOC Concentrations Compared to DWS

Groundwater concentrations of carbon tetrachloride and trichloroethene exceeding the DWS were generally recorded in RBH501, RBH502 and RBH504 with maximum trichloroethene concentrations (244 µg/l in May 2025) recorded in RBH501 and maximum carbon tetrachloride concentrations (307 µg/l in August 2025) recorded in RBH502. Concentrations of trichloroethene exceeding but close to the DWS were also recorded in RBH203 during the May 2025 and July 2025 monitoring rounds only.

Concentrations of chloroform exceeding the DWS were recorded in RBH501 and RBH502 only, with a maximum concentration recorded in RBH501 (193 µg/l in May 2025).

Monitoring well RBH501 and RBH502 are located in the southern area of Plot NT02, with monitoring well RBH504 situated on the southwestern boundary of Plot NT03 (adjacent to the east of Plot NT02).

Concentrations of vinyl chloride and sum 1-2 dichloroethene exceeding the DWS were recorded in LKBH01 and RBH503, with sum-1,2 dichloroethene exceedances also reported in RBH504. Maximum concentrations of vinyl chloride (51 µg/l in July 2025) and sum-1,2 dichloroethene (442 µg/l in August 2025), were recorded in LKBH01 located in the northern section of Plot NT02 downgradient of the treatment area. Monitoring wells RBH503 and RBH504 are located along the northwestern and southwestern boundary of Plot NT03 respectively.

Comparison to the Remedial Target Value (RTV)

The COPC concentrations recorded in groundwater at the site between May 2025 and August 2025 have been compared to the Remedial Target Value (RTV) derived from the remediation strategy (Ref. RSK 11834 R03, dated February 2024), as presented within **Appendix G**.

A summary of exceedances is presented in **Table 6** below. A figure to show the groundwater concentrations and exceedances compared to the RTV is presented in **Appendix A**.

It should be noted, that an RTV for chloroform was not derived based on the previously localised nature of exceedance of the DWS (at RBH203) in the south of the site and the absence of exceedances at the downgradient site boundary in the north of the site. During the monitoring undertaken between May 2025 and August 2025 chloroform exceedances of the DWS were reported in RBH501 and RBH502, both located in the southern area of the site.

The reported concentrations are of the same order of magnitude as the DWS and concentrations in monitoring wells in the north of the site inferred downgradient were reported below the LMDL. Therefore, chloroform is not assessed further in the sections below.

Table 6: Summary of groundwater exceedance of the RTV

COPC	Groundwater RTV (µg/l)	Location of groundwater exceedance of RTV (µg/l)			
		May 2025	June 2025	July 2025	August 2025
Carbon tetrachloride	149	RBH502 (199)	RBH502 (212)	RBH502 (240)	RBH502 (307)
Trichloroethene (TCE)	27.1	RBH501 (244), RBH504 (57)	RBH501 (199), RBH504 (66)	RBH501 (125), RBH504 (65)	RBH501 (127), RBH504 (63)
Vinyl chloride (VC)	4.25	LKBH01 (26), RBH503 (47)	LKBH01 (44), RBH503 (35)	LKBH01 (51), RBH503 (41)	LKBH01 (30), RBH503 (22)
Cis and trans-1,2-dichloroethene (DCE)	90.2	LKBH01 (307), RBH504 (163)	LKBH01 (332), RBH504 (154)	LKBH01 (315), RBH504 (136)	LKBH01 (442), RBH504 (189)

Discussion on VOC Concentrations Compared to the RTV

Concentrations of TCE exceed the RTV in RBH501 and RBH504 and concentrations of carbon tetrachloride exceed the RTV in RBH502. The maximum TCE concentration was recorded in RBH501 (244 µg/l in May 2025), which is an order of magnitude higher than the RTV (27.1 µg/l).

Monitoring well RBH501 is located in the southeastern area of Plot NT02, with RBH502 located in the southwestern area of Plot NT02 and RBH504 located to the east of Plot NT02, along the western boundary of Plot NT03. Monitoring well locations inferred downgradient of the treatment area, namely RBH505 and LKBH01 have recorded TCE and vinyl chloride concentrations below the LMDL.

Concentrations of vinyl chloride exceed the RTV in LKBH01 and RBH503, with concentrations of Sum-1,2 dichloroethene exceeding the RTV in LKBH01 and RBH504. Maximum concentrations of vinyl chloride (51 µg/l in July 2025) and Sum-1,2 dichloroethene (442 µg/l in August 2025) were recorded in LKBH01, which are an order of magnitude higher than the RTV. Locations RBH503 and RBH504 are located adjacent to the east of Plot NT02, within Plot NT03, with location LKBH01 located inferred downgradient of the treatment area.



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The primary daughter products of TCE are vinyl chloride, cis-1,2 dichloroethene and trans-1,2 dichloroethene.

Concentrations of DCE (max. 442 µg/l in August 2025) and vinyl chloride (max. 51 µg/l in July 2025) in LKBH01 are of the same order of magnitude as those maximum concentrations reported for LKBH01 in the DQRA (602 µg/l and 16 µg/l respectively).

It should be noted that VOC concentrations in RBH505, inferred downgradient of the treatment area and LKBH01, reported VOC concentrations below the LMDL. The monitoring well response zone in LKBH01 is installed across the Chester Formation and the Manchester Marl Formation, whilst RBH505 is installed with a response zone in the Chester Formation only. It was noted in the controlled water risk assessment report (Ref: 11847 R01 (01), dated July 2023) and the detailed remediation strategy (Ref: 11834 R02 (04), dated February 2024), that due to the cohesive nature of the Manchester Marl underlying the Chester Formation, it was likely that any potential DNAPL would accumulate on the surface of the Manchester Marl.

Whilst no measurable thickness of DNAPL has been detected during the multiple phases of investigation and monitoring at the site, the elevated VOC detected at LKBH01 may be as a result of trace NAPL present at the interface between the Chester Formation and the Manchester Marl which is not picked up at RBH505 installed only within the Chester Formation.

5.0 CONCLUSIONS

The groundwater monitoring undertaken between May 2025 and August 2025 indicates a groundwater elevation between 26.40 m AOD (RBH305 in August 2025) and 29.47 m AOD (RBH504 in June 2025) within the Chester Formation (principal aquifer). Monitoring well LKBH01 is installed across the Chester Formation and Manchester Marls (secondary B aquifer). The groundwater elevations in LKBH01 range between 27.48 m AOD (May 2025) and 26.87 m AOD (August 2025).

The groundwater elevations recorded between May 2025, and August 2025 generally decrease (become deeper) over the monitoring period, potentially attributed by seasonal change. There are some fluctuations in groundwater elevation which could be affected by the groundwater remediation process that was completed between February 2025 and June 2025.

During the monitoring period DNAPL was not recorded.

The groundwater flow direction has been inferred in a northerly direction, with some westerly influence, consistent with previous findings at the site. Groundwater samples were collected from all eight selected monitoring wells and analysed for COPC in accordance with the detailed remediation strategy and groundwater monitoring plan.

Trend analysis of VOC over the monitoring period between May 2025 and August 2025 indicates the following:

- a general decreasing trend in concentrations of TCE with some fluctuations. Maximum TCE concentrations were recorded in RBH501 in May 2025 (max. 244 µg/l) which decreased in August 2025 (127 µg/l). There appears to be some correlation between a decrease in TCE concentrations and a decrease in groundwater level
- Concentrations of chloroform either indicate a decreasing trend or have remained relatively consistent, except at RBH502 where an increasing trend has been reported between May 2025 (92 µg/l) and August 2025 (144 µg/l)
- Maximum concentrations of DCE were reported in LKBH01 (442 µg/l) and RBH504 (189 µg/l) with an inferred increasing trend at LKBH01 and an initial decrease in concentrations in RBH504 between May 2025 and July 2025 but increase to the maximum reported concentration in August 2025. Concentrations of DCE above the LMDL in the remaining monitoring wells either show a slight decreasing trend or fluctuate
- Concentrations of VC above the LMDL were recorded in LKBH01 (max. 51 µg/l in July 2025) and RBH503 (max. 47 µg/l in May 2025) only. Concentrations appear to fluctuate, with an initial increase in concentrations reported in LKBH01, but have decreased during the August 2025 monitoring round

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- Maximum concentrations of CTC were reported in RBH503 in August 2025 (307 µg/l), indicating a general increasing trend between May 2025 and August 2025. Concentrations above the LMDL in the remaining wells (RBH501 and RBH504) indicate a general decreasing trend.

In accordance with the Detailed Remediation Strategy, the reported concentrations have been compared to the UK DWS GAC and the RTV. The following exceedances of VOC concentrations were reported:

- Concentrations of CTC in RBH501 (DWS only), RBH504 (DWS only) and RBH502
- Concentrations of CF in RBH501 and RBH502 (DWS only)
- Concentrations of TCE in RBH502 (DWS only), RBH501 and RBH504
- Concentrations of VC in LKBH01 and RBH503
- Concentrations of DCE in RBH503 (DWS only), LKBH01 and RBH504

Maximum concentrations of TCE were reported in RBH501 (244 µg/l in May 2025) and RBH504 (66 µg/l in June 2025), which are located in the southern boundary of Plot NT02 (RBH501) and the southwestern boundary of Plot NT03 (RBH504).

Concentrations of TCE in RBH203 (located in the centre of the treatment area, downgradient of RBH501) are reported below the RTV. The Controlled Waters Risk Assessment Report (Ref: 11847 R01 (00), dated July 2023), uses a maximum TCE concentration of 572 µg/l in RBH203 (October 2022) for modelling purposes in the DQRA. This demonstrates TCE concentrations in the centre of the groundwater treatment area have reduced compared to the previous pre-treatment maximum concentrations used in the DQRA.

Reported TCE concentrations in RBH501 remain an order of magnitude higher than the RTV (27.1 µg/l) and DWS (10 µg/l), although a reported general decreasing trend has been inferred in TCE concentrations in RBH501 between May 2025 (244 µg/l) and August 2025 (127 µg/l).

Maximum concentrations of CTC were reported in RBH502 (307 µg/l) which also show an increasing trend between May 2025 and August 2025. The reported CTC concentrations exceed but are the same order of magnitude as the RTV (149 µg/l). Monitoring well RBH502 is located in the southwestern area of Plot NT02, close to the western extent of the treatment area. The remaining locations report CTC concentrations below the RTV.

Maximum concentrations of VC were reported in LKBH01 (51 µg/l in July 2025) and RBH503 (47 µg/l in May 2025), which are an order of magnitude above the RTV (4.25 µg/l). Monitoring well LKBH01 is located in the northern area of Plot NT02, inferred downgradient of the remedial treatment area. In the DQRA a maximum VC concentration of 16 µg/l in LKBH01 (September 2022) was used.



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Current concentrations in LKBH01 are higher but of the same order of magnitude as the previous maximum concentration recorded pre-treatment. A general decreasing trend in VC concentrations has been reported in RBH503 between May 2025 and August 2025 (22 µg/l) and an initial increase in LKBH01 which has then decreased during the August 2025 monitoring round (30 µg/l), however all concentrations reported between the May 2025, and August 2025 remain an order or magnitude higher than the RTV.

Maximum concentrations of DCE were reported in LKBH01 (442 µg/l in August 2025) and RBH504 (189 µg/l in August 2025), which are an order of magnitude above the RTV (90.2 µg/l) and DWS (50 µg/l). An increasing trend is reported across the May 2025 and August 2025 monitoring period in LKBH01, with DCE in RBH504 indicating an initial decrease but increasing in concentrations between the July 2025 and August 2025 monitoring rounds.

The maximum DCE concentration of 602 µg/l in LKBH01 recorded pre remediation in January 2023 was used in the DQRA. The current concentrations for DCE in LKBH01 remain below but of the same order of magnitude as the previously reported maximum concentration. However, it is noted that the effects of the remediation will not likely be seen at LKBH01 due to the predicted contaminant travel time over the distance from the treatment area (~50m) calculated in the DQRA of 23 years for DCE.

6.0 RECOMMENDATIONS

It is recommended the copies of this report, along with associated appendices are provided to the regulatory authorities (namely Manchester City Council and the Environment Agency) for consideration and comment as part of the ongoing remediation monitoring and validation process. In addition to these stakeholders, copies should be provided to the Principal Contractors for both the enabling and main phase of construction works for their information, noting several aspects require the ongoing retention of several monitoring wells (as outlined in Section 6.2).

6.1 Further Groundwater Monitoring and Sampling

Based on the reported exceedances of the RTV in LKBH01 (VC and DCE), RBH501 (TCE), RH502 (CTC), RBH503 (VC) and RBH504 (TCE and DCE), we would recommend a programme of additional groundwater monitoring and sampling from these wells be undertaken to further understand the COPC trends occurring post treatment of the remediation area.

Following discussions with the Environment Agency in mid-October 2025, and initial review of the post treatment monitoring results outlined in this report, we recommend a round of groundwater samples are obtained ahead of any proposed piling works. This sampling would be followed by a second round on conclusion of piling to assess what, if any, alterations in concentrations of COPC's has occurred.

We would recommend that testing would include monitored natural attenuation (MNA) parameters, in addition to VOCs, in order to assess whether current groundwater chemical conditions promote the natural biodegradation of organic compounds and hence the continuation of degradation of TCE to occur at the site.

During the recent monitoring undertaken ground elevation levels appear to have changed due to the earthworks and remedial activities which have taken place. It would therefore be advised that the current ground levels are obtained using GPS for the selected monitoring wells. New surface level information for all retained wells would be collected ahead of any supplementary monitoring works.

Regarding the selection of wells for future monitoring and noting several locations clash with proposed building and pile locations, we recommend the scope of monitoring work be extended to include treatment wells installed by Remedx during recent injection works.

This would then allow for the removal of wells that clash with construction requirements whilst still allowing the collection of data from both around the primary treatment area as well as toward the site boundary. Further details of the wells that are to be retained / decommissioned are provided in Section 6.2 below.

6.2 Decommissioning of Monitoring Wells

Following the four rounds of groundwater monitoring and sampling undertaken between May 2025 and August 2025, it is anticipated that the following monitoring wells can be decommissioned based on COPC concentrations for VOCs either consistently being recorded below the LMDL or below the RTV:

- RBH203
- RBH305
- RBH505

Approval for the decommissioning of the above wells should be sought from the Environment Agency. Once approval obtained the above monitoring wells should be decommissioned appropriately in accordance with the Environment Agency guidance. The removal of these wells should be completed by appropriately qualified contractors and documented with a validation note provided with (inc photographic evidence) of the well removal process.

For ongoing monitoring works, it is recommended that samples are obtained from the following monitoring and Remedx treatment wells both prior to and post completion of piling works.

- LKBH01
- RBH501
- RBH502
- RBH504
- RXI001
- RXI003
- RXI006*
- RXI008
- RXI014*
- RXI025
- RXI026*f

*Locations indicated will be removed on commencement of piling works with no further sampling.

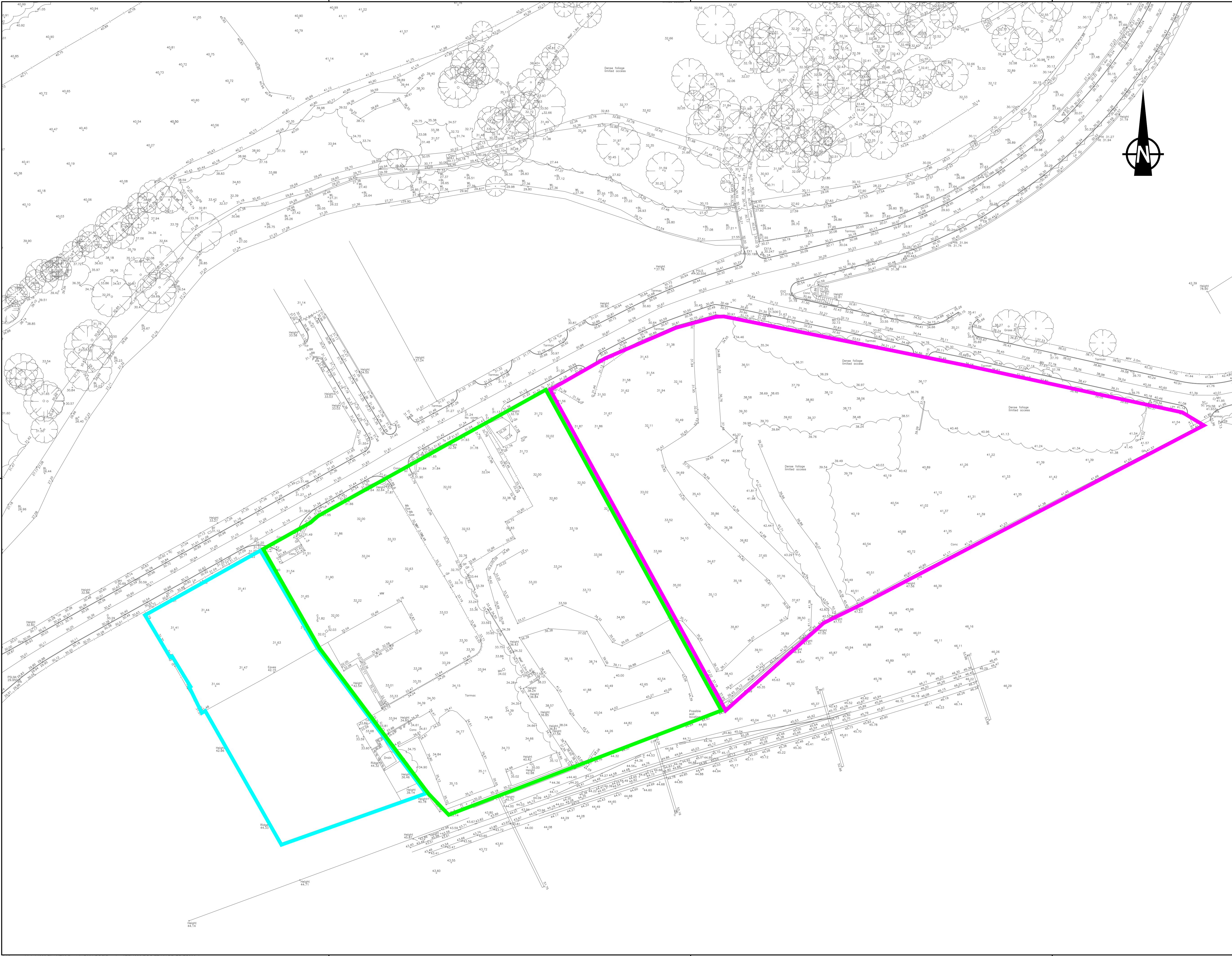
Samples should be collected and screening at a suitably accredited chemical testing for Volatile Organic Compounds with the results reviewed and compared with data and trends outlined in the current report. In addition, parameters required to assess MNA conditions should be obtained during sampling works to support with this process (pH, dissolved oxygen etc).

The results from these proposed monitoring works will be provided as a revision to the current report for consideration and comment by regulatory authorities as part of the wider validation of remediation works on site.



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APPENDIX A - DRAWINGS



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NOTES

- SITE FEATURES**
- APPROX PLOT NT02 BOUNDARY
 - APPROX PLOT NT03 BOUNDARY
 - APPROX PLOT NT04 BOUNDARY

DRAWING NOTES

- TO BE READ IN CONJUNCTION WITH ROC CONSULTING PHASE 1 DESKTOP STUDY REF: 4328-ROC-ZZ-XX-RP-ES-PH1DTS AND PHASE 2 SITE INVESTIGATION REPORT REF: 4328-ROC-ZZ-XX-RP-ES-P2-101.
- EXPLORATORY HOLE LOCATIONS SHOWN AT APPROXIMATE EXTENTS.
- EXISTING SITE LEVEL INFORMATION TAKEN FROM PARAGON SURVEYS TOPOGRAPHICAL SURVEY REF:PS-2158-TS-00
- ROC CONSULTING ACCEPTS NOT RESPONSIBILITY FOR ANY DAMAGES OR LOSS ARISING AS A RESULT OF THE USE OF THIS DRAWING

01	JUN 23	FIRST ISSUE	RM	LR
REV	DATE	DETAILS	DRN	CHK

DRAWING INFORMATION

RIBA STAGE

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DRAWN RM	DATE JUN 23	SCALES 1:500
CHECKED LR	DATE JUN 23	THE ABOVE SCALES APPLY WHEN PLOTTED AT A1 SIZE -DO NOT SCALE-
APPRVD. LR	DATE JUN 23	EMAIL FOR DRAWINGS info@rocconsulting.com

CLIENT
FAR EAST CONSORTIUM INTERNATIONAL LTD

PROJECT TITLE
PLOTS NTO2, NTO3 & NTO4 NORTHERN GATEWAY

DRAWING TITLE
SITE LOCATION PLAN

DRAWING No. 4328-ROC-ZZ-XX-DR-ES-ES200	REV. 01
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GROUNDWATER MONITORING WELLS

BH I.D.	Easting	Northing	Response zone from (mOD)	Response zone to (mOD)	Lithology at response zone
RBH505 P1	384588.94	399458.10	26.91	19.61	CF
RBH505 P2	384588.94	399458.10	18.41	16.91	MM
RBH504	384644.07	399415.75	29.54	22.09	CF
RBH503	384612.61	399439.30	26.65	21.65	CF
RBH502 P1	384599.85	399394.37	28.09	15.29	CF
RBH502 P2	384599.85	399394.37	14.29	13.29	MM
RBH501	384638.99	399388.87	29.09	18.59	CF
RBH403	384717.73	399423.13	31.98	26.53	RD
RBH401	384697.40	399411.32	32.02	26.57	RD
RBH301	384576.68	399444.27	27.41	21.41	CF
RBH302	384608.42	399383.57	28.59	21.59	CF
RBH303	384640.07	399422.36	28.01	23.01	CF
RBH304	384680.66	399402.07	29.66	25.66	Terrace Deposits
RBH305	384636.01	399469.21	27.15	23.15	CF
RBH306	384692.00	399446.81	24.73	22.73	MM
RBH307	384749.15	399493.27	30.84	19.84	MM
RBH201	384597.08	399455.18	10.40	6.40	MM
RBH202	384638.05	399446.26	11.76	7.76	MM
RBH203	384619.36	399403.83	23.59	18.59	CF
RBH205	384721.68	399517.64	11.38	6.38	MM
RBH206	384701.70	399491.17	11.00	7.00	MM
RBH207	384797.90	399510.73	16.17	11.17	MM
RBH208	384757.48	399461.38	23.00	18.00	MM
RBH209	384796.49	399492.29	28.46	23.46	MM
RBH210	384845.14	399489.02	21.38	16.38	MM
LKBH01	384593.48	399443.85	26.41	16.41	CF & MM
LKBH03	384634.56	399391.59	30.59	13.59	CF & MM

ALL GROUNDWATER MONITORING WELLS ARE TO BE RETAINED UNTIL THE GROUNDWATER REMEDIATION DESIGN IS FINALISED BY THE REMEDIATION CONTRACTOR

RETAINED MONITORING WELLS ARE TO HAVE RAISED COVERS FITTED TO PROVIDE ADDITIONAL PROTECTION DURING DEMOLITION WORKS.

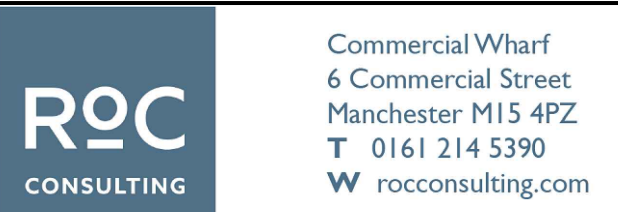
DECOMMISSIONING OF WELLS IS TO BE UNDERTAKEN IN ACCORDANCE WITH ENVIRONMENT AGENCY SC020093 "GUIDANCE ON THE DESIGN AND INSTALLATION OF GROUNDWATER QUALITY MONITORING POINTS".

 GROUNDWATER MONITORING WELL TO BE DECOMMISSIONED
 ROC RBH3XX
 GROUNDWATER MONITORING WELL TO BE RETAINED
 ROC RBH3XX
 APPROX PLOT NT02 BOUNDARY
 APPROX PLOT NT03 BOUNDARY
 APPROX PLOT NT04 BOUNDARY
 EXTENT OF SOIL TURNOVER

1. TO BE READ IN CONJUNCTION WITH ROC CONSULTING PHASE 1 DESKTOP STUDY REF: 4328-ROC-ZZ-XX-RP-ES-PH1DTS AND PHASE 2 SITE INVESTIGATION REPORT REF: 4328-ROC-ZZ-XX-RP-ES-P2-101.
2. EXPLORATORY HOLE LOCATIONS SHOWN AT APPROXIMATE EXTENTS.
3. EXISTING SITE LEVEL INFORMATION TAKEN FROM PARAGON SURVEYS TOPOGRAPHICAL SURVEY REF: PS-2158-TS-00
4. ROC CONSULTING ACCEPTS NOT RESPONSIBILITY FOR ANY DAMAGES OR LOSS ARISING AS A RESULT OF THE USE OF THIS DRAWING

02	JAN 24	LKBH01 ADDED TO LIST OF WELLS TO BE RETAINED	RM	AS
01	JAN 24	FIRST ISSUE	RM	AS
REV	DATE	DETAILS	DRN	CHK

RIBA STAGE



DRAWN RM	DATE JAN 24	SCALES 1:500
CHECKED AS	DATE JAN 24	THE ABOVE SCALES APPLY WHEN PLOTTED AT A1 SIZE --DO NOT SCALE--
APPRVD. AS	DATE JUN 24	EMAIL FOR DRAWINGS info@rococonsulting.com

CLIENT

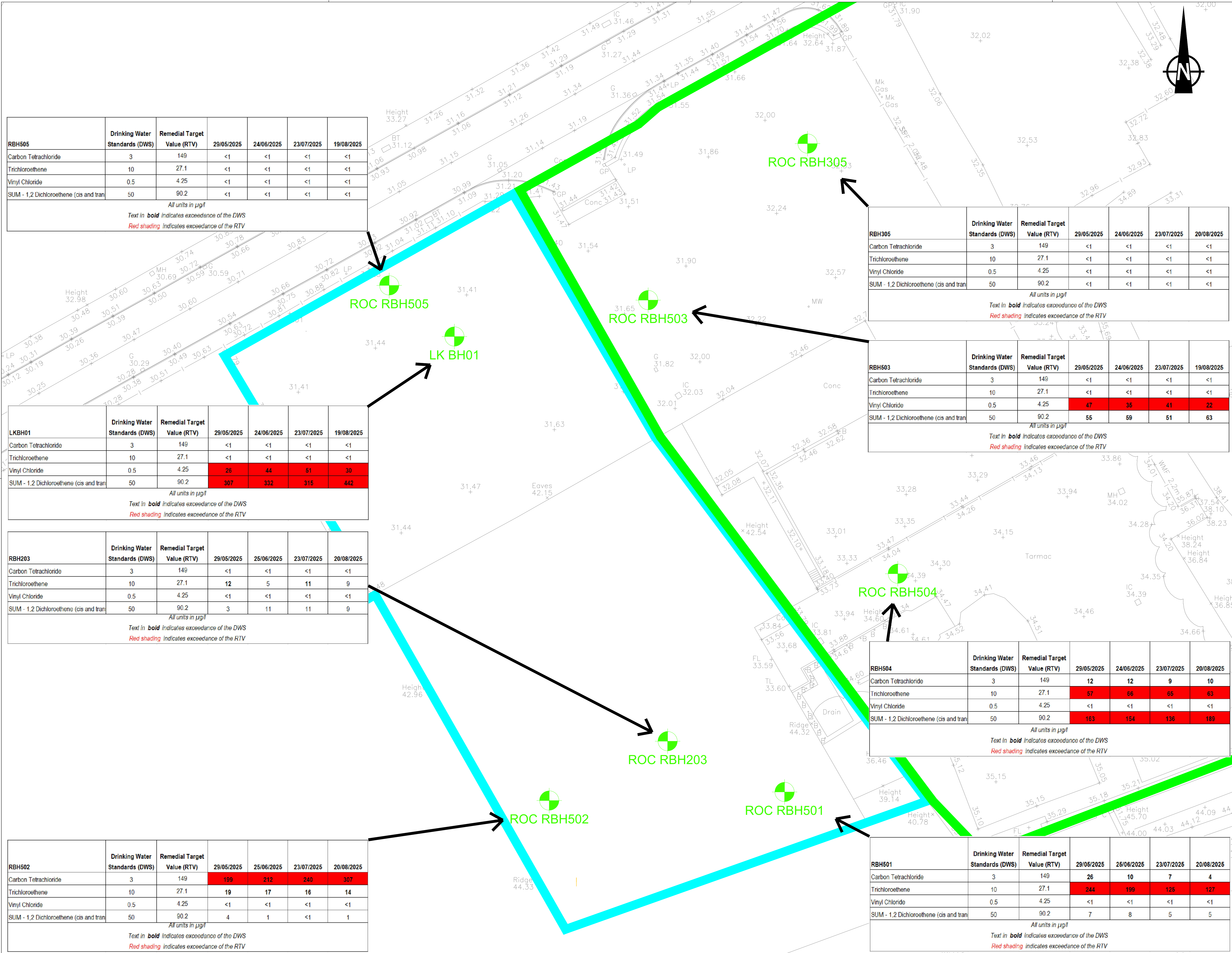
FAR EAST CONSORTIUM
INTERNATIONAL LTD

PROJECT TITLE
PLOTS NTO2, NTO3 &
NT04 NORTHERN
GATEWAY

DRAWING TITLE

GROUNDWATER
MONITORING WELL
DECOMMISSIONING PLAN

DRAWING No.	REV.
4328-ROC-ZZ-XX-DR-ES-ES214	02



RBH505	Drinking Water Standards (DWS)	Remedial Target Value (RTV)	29/05/2025	24/06/2025	23/07/2025	19/08/2025
Carbon Tetrachloride	3	149	<1	<1	<1	<1
Trichloroethene	10	27.1	<1	<1	<1	<1
Vinyl Chloride	0.5	4.25	<1	<1	<1	<1
SUM - 1,2 Dichloroethene (cis and trans)	50	90.2	<1	<1	<1	<1
All units in µg/l Text in bold indicates exceedance of the DWS Red shading indicates exceedance of the RTV						

LKBH01	Drinking Water Standards (DWS)	Remedial Target Value (RTV)	29/05/2025	24/06/2025	23/07/2025	19/08/2025
Carbon Tetrachloride	3	149	<1	<1	<1	<1
Trichloroethene	10	27.1	<1	<1	<1	<1
Vinyl Chloride	0.5	4.25	26	44	51	30
SUM - 1,2 Dichloroethene (cis and trans)	50	90.2	307	332	315	442
All units in µg/l Text in bold indicates exceedance of the DWS Red shading indicates exceedance of the RTV						

RBH203	Drinking Water Standards (DWS)	Remedial Target Value (RTV)	29/05/2025	25/06/2025	23/07/2025	20/08/2025
Carbon Tetrachloride	3	149	<1	<1	<1	<1
Trichloroethene	10	27.1	12	5	11	9
Vinyl Chloride	0.5	4.25	<1	<1	<1	<1
SUM - 1,2 Dichloroethene (cis and trans)	50	90.2	3	11	11	9
All units in µg/l Text in bold indicates exceedance of the DWS Red shading indicates exceedance of the RTV						

RBH502	Drinking Water Standards (DWS)	Remedial Target Value (RTV)	29/05/2025	25/06/2025	23/07/2025	20/08/2025
Carbon Tetrachloride	3	149	199	212	240	307
Trichloroethene	10	27.1	19	17	16	14
Vinyl Chloride	0.5	4.25	<1	<1	<1	<1
SUM - 1,2 Dichloroethene (cis and trans)	50	90.2	4	1	<1	1
All units in µg/l Text in bold indicates exceedance of the DWS Red shading indicates exceedance of the RTV						

RBH305	Drinking Water Standards (DWS)	Remedial Target Value (RTV)	29/05/2025	24/06/2025	23/07/2025	20/08/2025
Carbon Tetrachloride	3	149	<1	<1	<1	<1
Trichloroethene	10	27.1	<1	<1	<1	<1
Vinyl Chloride	0.5	4.25	<1	<1	<1	<1
SUM - 1,2 Dichloroethene (cis and trans)	50	90.2	<1	<1	<1	<1
All units in µg/l Text in bold indicates exceedance of the DWS Red shading indicates exceedance of the RTV						

RBH503	Drinking Water Standards (DWS)	Remedial Target Value (RTV)	29/05/2025	24/06/2025	23/07/2025	19/08/2025
Carbon Tetrachloride	3	149	<1	<1	<1	<1
Trichloroethene	10	27.1	<1	<1	<1	<1
Vinyl Chloride	0.5	4.25	47	36	41	22
SUM - 1,2 Dichloroethene (cis and trans)	50	90.2	55	59	51	63
All units in µg/l Text in bold indicates exceedance of the DWS Red shading indicates exceedance of the RTV						

RBH504	Drinking Water Standards (DWS)	Remedial Target Value (RTV)	29/05/2025	24/06/2025	23/07/2025	20/08/2025
Carbon Tetrachloride	3	149	12	12	9	10
Trichloroethene	10	27.1	57	66	65	63
Vinyl Chloride	0.5	4.25	<1	<1	<1	<1
SUM - 1,2 Dichloroethene (cis and trans)	50	90.2	163	154	136	189
All units in µg/l Text in bold indicates exceedance of the DWS Red shading indicates exceedance of the RTV						

RBH501	Drinking Water Standards (DWS)	Remedial Target Value (RTV)	29/05/2025	25/06/2025	23/07/2025	20/08/2025
Carbon Tetrachloride	3	149	26	10	7	4
Trichloroethene	10	27.1	244	199	125	127
Vinyl Chloride	0.5	4.25	<1	<1	<1	<1
SUM - 1,2 Dichloroethene (cis and trans)	50	90.2	7	8	5	5
All units in µg/l Text in bold indicates exceedance of the DWS Red shading indicates exceedance of the RTV						

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NOTES

DRAWING NOTES

- TO BE READ IN CONJUNCTION WITH ROC CONSULTING TECHNICAL NOTE ON BELOW GROUND TANK DISCOVERY.
- EXISTING SITE LEVEL INFORMATION TAKEN FROM PARAGON SURVEYS TOPOGRAPHICAL SURVEY REF:PS-2158-TS-00
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LEGEND

- GROUND WATER MONITORING WELL LOCATION
- NT02 PLOT BOUNDARY
- NT03 PLOT BOUNDARY

LK BH01

01	16.10.2025	FIRST ISSUE	SJB	MN
REV	DATE	DETAILS	DRN	CHK

INFORMATION

RIBA STAGE

Commercial Wharf
6 Commercial Street
Manchester M15 4PZ
T 0161 214 5390
W roccoconsulting.com

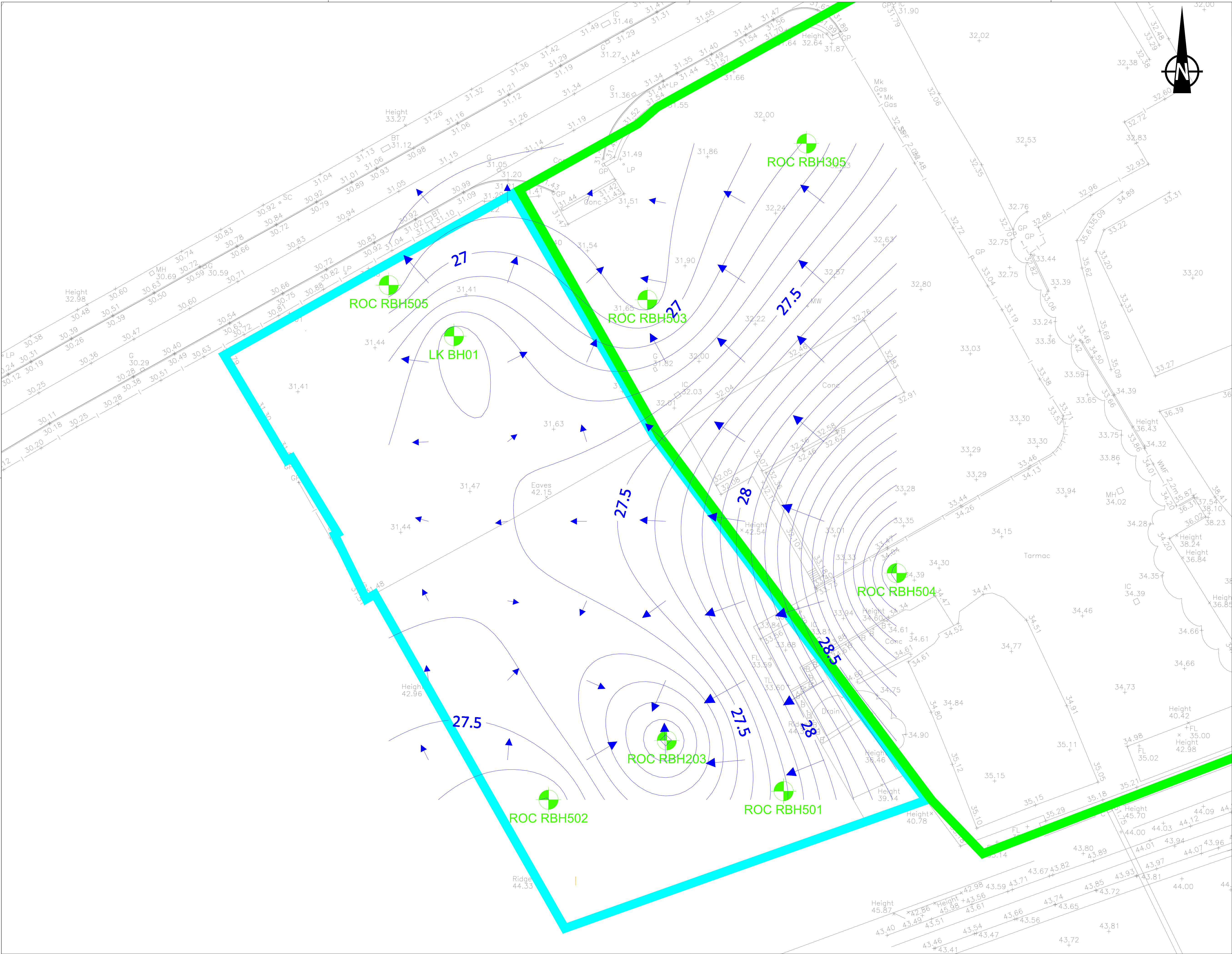
DRAWN SJB	DATE MAY 24	SCALES 1:200
CHECKED EA	DATE MAY 24	THE ABOVE SCALES APPLY WHEN PLOTTED AT A1 SIZE - DO NOT SCALE
APPROVED MN	DATE MAY 24	EMAIL FOR DRAWINGS info@roccoconsulting.com

CLIENT
FAR EAST CONSORTIUM INTERNATIONAL LTD

PROJECT TITLE
PLOTS NT02, NT03

DRAWING TITLE
GROUNDWATER CONCENTRATION EXCEEDANCE OF THE RTV & DWS MAY 2025 TO AUGUST 2025

DRAWING No. 4328-ROC-ZZ-XX-DR-ES-ES216	REV. 01
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LEGEND

- GROUND WATER MONITORING WELL LOCATION
- NT02 PLOT BOUNDARY
- NT03 PLOT BOUNDARY
- GROUNDWATER CONTOUR (mA.O.D)
- INFERRED GROUNDWATER FLOW DIRECTION

01	16.10.2025	FIRST ISSUE	SUB	MN
REV	DATE	DETAILS	DRN	CHK

INFORMATION

RIBA STAGE

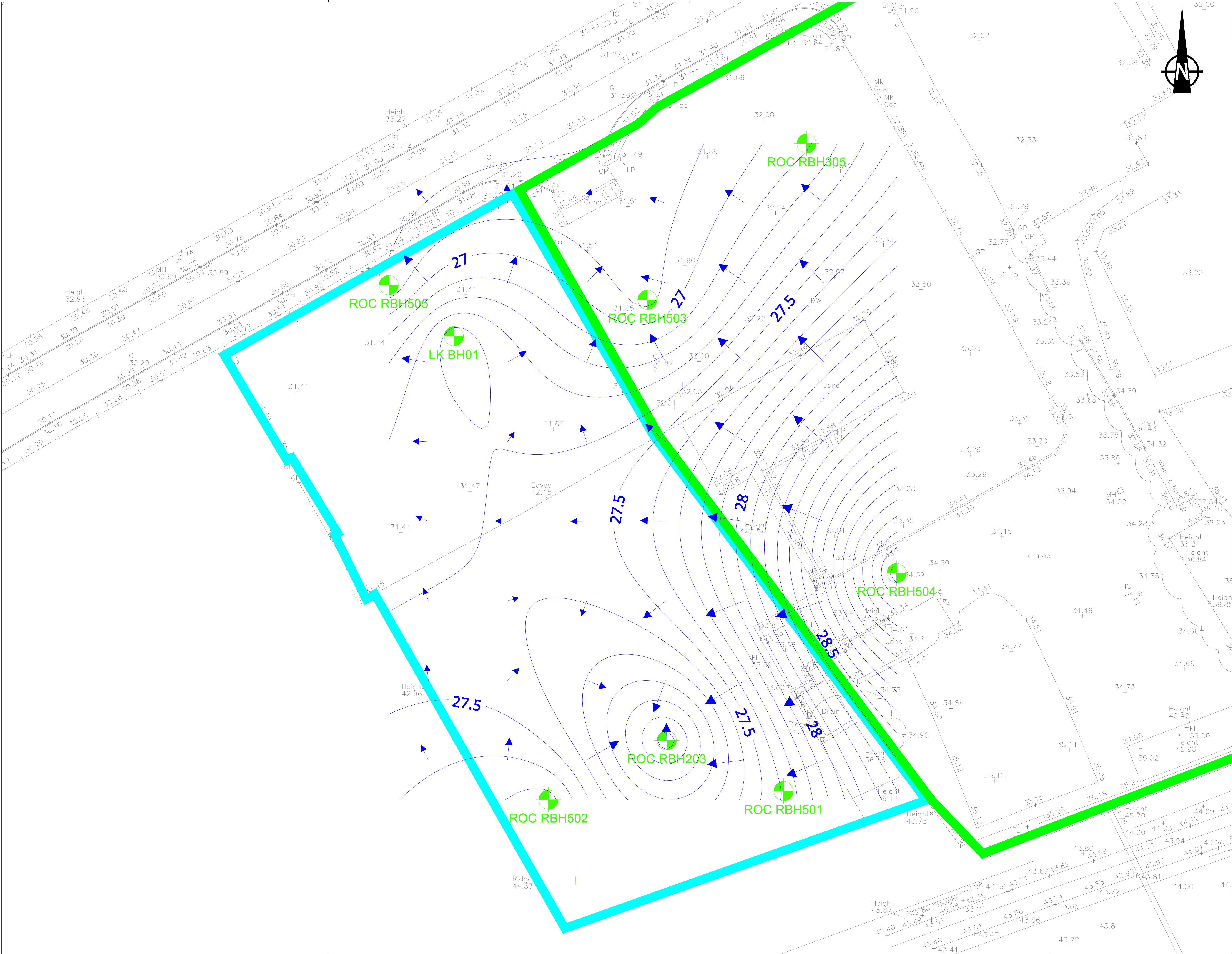
	Commercial Wharf 6 Commercial Street Manchester M15 4PZ T 0161 214 5390 W roccoconsulting.com		
	DRAWN SJB	DATE MAY 24	SCALES 1:200
CHECKED EA	DATE MAY 24	THE ABOVE SCALES APPLY WHEN PLOTTED AT A1 SIZE - DO NOT SCALE	
APPRVD. MN	DATE MAY 24	EMAIL FOR DRAWINGS info@roccoconsulting.com	

CLIENT
FAR EAST CONSORTIUM INTERNATIONAL LTD

PROJECT TITLE
PLOTS NT02, NT03

DRAWING TITLE
PIEZOMETRIC SURFACE PLAN MAY 2025

DRAWING No. 4328-ROC-ZZ-XX-DR-ES-ES217	REV. 01
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LEGEND

GROUND WATER MONITORING WELL LOCATION

NT02 PLOT BOUNDARY

NT03 PLOT BOUNDARY

GROUNDWATER CONTOUR (m.A.O.D)

INFERRED GROUNDWATER FLOW DIRECTION

01	16.10.2025	FIRST ISSUE	SUB	MN
REV	DATE	DETAILS	DRN	CHK

INFORMATION

RIBA STAGE

Commercial Wharf
6 Commercial Street
Manchester M15 4PZ
T 0161 214 5390
W roccoconsulting.com

DRAWN SJB	DATE MAY 24	SCALES 1:200
CHECKED EA	DATE MAY 24	THE ABOVE SCALES APPLY WHEN PLOTTED AT A1 SIZE - DO NOT SCALE
APPRVD MN	DATE MAY 24	EMAIL FOR DRAWINGS info@roccoconsulting.com

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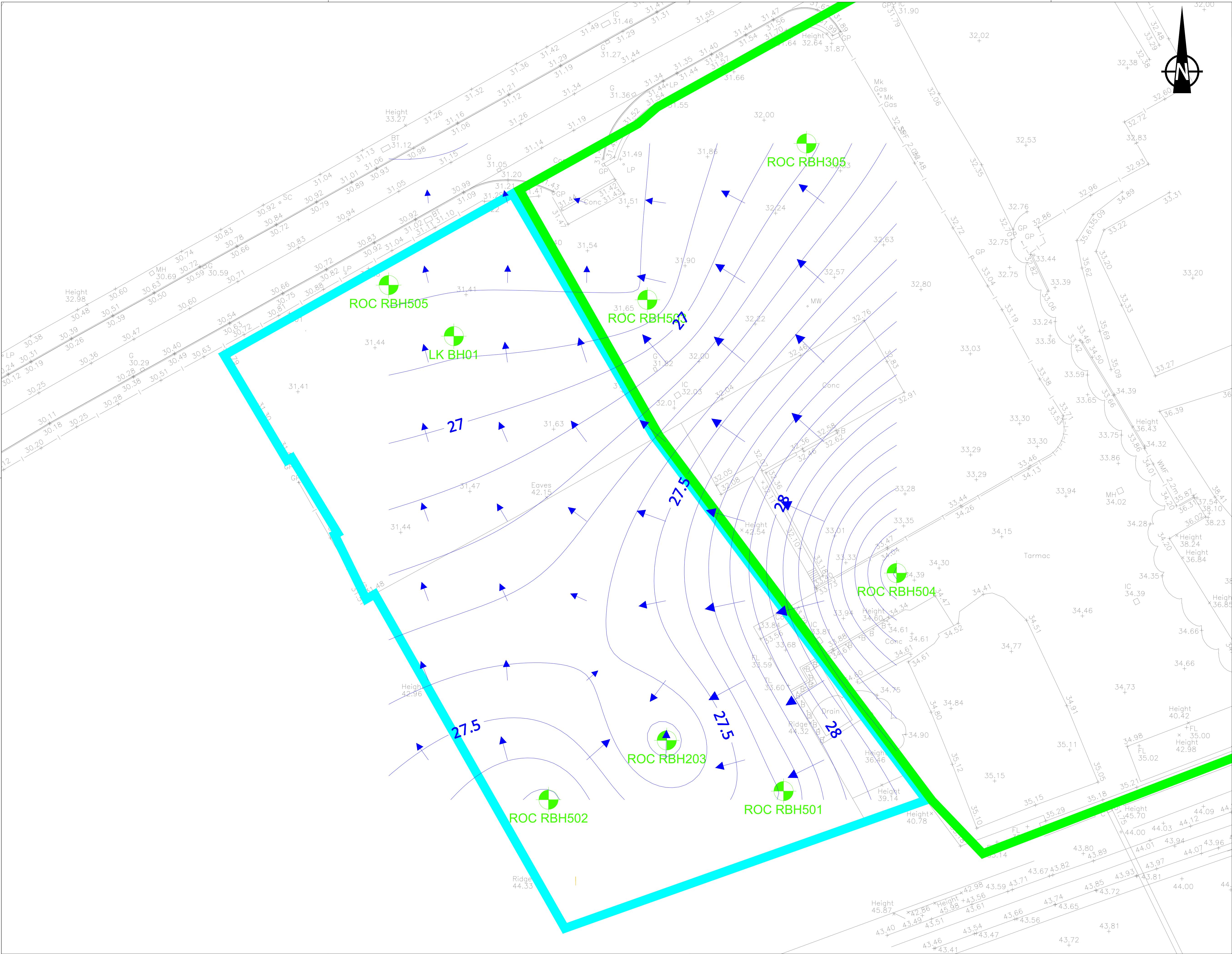
PROJECT TITLE

PLOTS NT02, NT03

DRAWING TITLE

PIEZOMETRIC SURFACE PLAN - JUNE 2025

DRAWING No. 4328-ROC-ZZ-XX-DR-ES-ES218	REV. 01
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LEGEND

- GROUND WATER MONITORING WELL LOCATION
- NT02 PLOT BOUNDARY
- NT03 PLOT BOUNDARY
- GROUNDWATER CONTOUR (m.A.O.D)
- INFERRED GROUNDWATER FLOW DIRECTION

01	16.10.2025	FIRST ISSUE	SUBJ	MN
REV	DATE	DETAILS	DRN	CHK

INFORMATION

RIBA STAGE		
ROC CONSULTING Commercial Wharf 6 Commercial Street Manchester M15 4PZ T 0161 214 5390 W roccoconsulting.com		
DRAWN SJB	DATE MAY 24	SCALES 1:200
CHECKED EA	DATE MAY 24	THE ABOVE SCALES APPLY WHEN PLOTTED AT A1 SIZE - DO NOT SCALE
APPRVD. MN	DATE MAY 24	EMAIL FOR DRAWINGS info@roccoconsulting.com

CLIENT
FAR EAST CONSORTIUM INTERNATIONAL LTD

PROJECT TITLE
PLOTS NT02, NT03

DRAWING TITLE
PIEZOMETRIC SURFACE PLAN - JULY

DRAWING No. 4328-ROC-ZZ-XX-DR-ES-ES219	REV. 01
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COMPLEX CHALLENGES ...
MADE SIMPLE

APPENDIX B – CHEMICAL TESTING RESULTS

FINAL ANALYTICAL TEST REPORT

Envirolab Job Number: 25/05709
Issue Number: 1

Date: 09 June, 2025

Client: ROCP LIMITED
Commercial Wharf 6 Commercial Street
Castlefield
Manchester
M15 4PZ

Project Manager: Reece McGuinness
Project Name: Plots NT02-NT04
Project Ref: 4328
Order No: PBJ20604
Date Samples Received: 30/05/25
Date Instructions Received: 02/06/25
Date Analysis Completed: 09/06/25

Approved by:



Richard Wong
Client Manager

Envirolab Job Number: 25/05709

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	25/05709/1	25/05709/2	25/05709/3	25/05709/4	25/05709/5	25/05709/6	25/05709/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	LKBH01	RBH203	RBH305	RBH501	RBH502	RBH503	RBH504			
Depth to Top	13.00	14.00	7.00	13.00	13.00	8.00	8.00			
Depth To Bottom										
Date Sampled	29-May-25	29-May-25	29-May-25	29-May-25	29-May-25	29-May-25	29-May-25			
Sample Type	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW			
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
VOC excl. BTEX										
Dichlorodifluoromethane _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Chloromethane _A	<10	<10	<10	<10	<10	<10	<10	µg/l	10	A-T-006w
Vinyl Chloride _A [#]	26	<1	<1	<1	<1	47	<1	µg/l	1	A-T-006w
Bromomethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Chloroethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Trichlorofluoromethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
trans 1,2-Dichloroethene _A [#]	120	<1	<1	<1	1	5	2	µg/l	1	A-T-006w
Dichloromethane _A	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-006w
Carbon Disulphide _A [#]	<1	<1	<1	1	<1	<1	<1	µg/l	1	A-T-006w
1,1-Dichloroethene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,1-Dichloroethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
cis 1,2-Dichloroethene _A [#]	187	3	<1	7	3	50	161	µg/l	1	A-T-006w
Bromochloromethane _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-006w
Chloroform _A [#]	<1	4	<1	193	92	<1	7	µg/l	1	A-T-006w
2,2-Dichloropropane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,2-Dichloroethane _A [#]	<2	<2	<2	<2	<2	<2	<2	µg/l	2	A-T-006w
1,1,1-Trichloroethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,1-Dichloropropene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Carbon Tetrachloride _A [#]	<1	<1	<1	26	199	<1	12	µg/l	1	A-T-006w
Dibromomethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,2-Dichloropropane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Bromodichloromethane _A [#]	<10	<10	<10	<10	<10	<10	<10	µg/l	10	A-T-006w
Trichloroethene _A [#]	<1	12	<1	244	19	<1	57	µg/l	1	A-T-006w
cis 1,3-Dichloropropene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
trans 1,3-Dichloropropene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,1,2-Trichloroethane _A [#]	<1	<1	<1	2	1	<1	1	µg/l	1	A-T-006w
1,3-Dichloropropane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Dibromochloromethane _A [#]	<3	<3	<3	<3	<3	<3	<3	µg/l	3	A-T-006w
1,2-Dibromoethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Tetrachloroethene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,1,1,2-Tetrachloroethane _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Chlorobenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w

Envirolab Job Number: 25/05709

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	25/05709/1	25/05709/2	25/05709/3	25/05709/4	25/05709/5	25/05709/6	25/05709/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	LKBH01	RBH203	RBH305	RBH501	RBH502	RBH503	RBH504			
Depth to Top	13.00	14.00	7.00	13.00	13.00	8.00	8.00			
Depth To Bottom										
Date Sampled	29-May-25	29-May-25	29-May-25	29-May-25	29-May-25	29-May-25	29-May-25			
Sample Type	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW			
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
Bromoform _A [#]	<3	<3	<3	<3	<3	<3	<3	µg/l	3	A-T-006w
Styrene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,1,2,2-Tetrachloroethane _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,2,3-Trichloropropane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Isopropylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Bromobenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
2-Chlorotoluene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
n-propylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
4-Chlorotoluene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,2,4-Trimethylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
4-Isopropyltoluene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,3,5-Trimethylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,2-Dichlorobenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,4-Dichlorobenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
sec-Butylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
tert-Butylbenzene _A [#]	<2	<2	<2	<2	<2	<2	<2	µg/l	2	A-T-006w
1,3-Dichlorobenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
n-butylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,2-Dibromo-3-chloropropane _A [#]	<2	<2	<2	<2	<2	<2	<2	µg/l	2	A-T-006w
1,2,4-Trichlorobenzene _A [#]	<3	<3	<3	<3	<3	<3	<3	µg/l	3	A-T-006w
1,2,3-Trichlorobenzene _A [#]	<3	<3	<3	<3	<3	<3	<3	µg/l	3	A-T-006w
Hexachlorobutadiene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w

Envirolab Job Number: 25/05709

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	25/05709/1	25/05709/2	25/05709/3	25/05709/4	25/05709/5	25/05709/6	25/05709/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	LKBH01	RBH203	RBH305	RBH501	RBH502	RBH503	RBH504			
Depth to Top	13.00	14.00	7.00	13.00	13.00	8.00	8.00			
Depth To Bottom										
Date Sampled	29-May-25	29-May-25	29-May-25	29-May-25	29-May-25	29-May-25	29-May-25			
Sample Type	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW			
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
TPH CWG (w) with Clean Up										
Ali >C5-C6 (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
Ali >C6-C8 (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
Ali >C8-C10 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Ali >C10-C12 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Ali >C12-C16 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Ali >C16-C21 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Ali >C21-C35 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Total Aliphatics (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	Calc-As Recd
Aro >C5-C7 (w) _A [#]	46	<1	<1	<1	<1	13	<1	µg/l	1	A-T-022w
Aro >C7-C8 (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
Aro >C8-C10 (w) _A	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Aro >C10-C12 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Aro >C12-C16 (w) _A [#]	<5	13	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Aro >C16-C21 (w) _A [#]	7	18	<5	17	6	<5	7	µg/l	5	A-T-055w
Aro >C21-C35 (w) _A [#]	<10	<10	<10	12	<10	<10	<10	µg/l	10	A-T-055w
Total Aromatics (w) _A [#]	53	31	<10	29	<10	13	<10	µg/l	10	Calc-As Recd
TPH (Ali & Aro >C5-C35) (w) _A	53	31	<10	29	<10	13	<10	µg/l	10	Calc-As Recd
BTEX - Benzene (w) _A [#]	46	<1	<1	<1	<1	13	<1	µg/l	1	A-T-022w
BTEX - Toluene (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
BTEX - Ethyl Benzene (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
BTEX - m & p Xylene (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
BTEX - o Xylene (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
MTBE (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w

Envirolab Job Number: 25/05709

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	25/05709/8									
Client Sample No										
Client Sample ID	RBH505									
Depth to Top	10.00									
Depth To Bottom										
Date Sampled	29-May-25									
Sample Type	WATER - GW									
Sample Matrix Code	N/A									
VOC excl. BTEX										
Dichlorodifluoromethane _A	<1							µg/l	1	A-T-006w
Chloromethane _A	<10							µg/l	10	A-T-006w
Vinyl Chloride _A [#]	<1							µg/l	1	A-T-006w
Bromomethane _A [#]	<1							µg/l	1	A-T-006w
Chloroethane _A [#]	<1							µg/l	1	A-T-006w
Trichlorofluoromethane _A [#]	<1							µg/l	1	A-T-006w
trans 1,2-Dichloroethene _A [#]	<1							µg/l	1	A-T-006w
Dichloromethane _A	<5							µg/l	5	A-T-006w
Carbon Disulphide _A [#]	<1							µg/l	1	A-T-006w
1,1-Dichloroethene _A [#]	<1							µg/l	1	A-T-006w
1,1-Dichloroethane _A [#]	<1							µg/l	1	A-T-006w
cis 1,2-Dichloroethene _A [#]	<1							µg/l	1	A-T-006w
Bromochloromethane _A [#]	<5							µg/l	5	A-T-006w
Chloroform _A [#]	<1							µg/l	1	A-T-006w
2,2-Dichloropropane _A [#]	<1							µg/l	1	A-T-006w
1,2-Dichloroethane _A [#]	<2							µg/l	2	A-T-006w
1,1,1-Trichloroethane _A [#]	<1							µg/l	1	A-T-006w
1,1-Dichloropropene _A [#]	<1							µg/l	1	A-T-006w
Carbon Tetrachloride _A [#]	<1							µg/l	1	A-T-006w
Dibromomethane _A [#]	<1							µg/l	1	A-T-006w
1,2-Dichloropropane _A [#]	<1							µg/l	1	A-T-006w
Bromodichloromethane _A [#]	<10							µg/l	10	A-T-006w
Trichloroethene _A [#]	<1							µg/l	1	A-T-006w
cis 1,3-Dichloropropene _A [#]	<1							µg/l	1	A-T-006w
trans 1,3-Dichloropropene _A [#]	<1							µg/l	1	A-T-006w
1,1,2-Trichloroethane _A [#]	<1							µg/l	1	A-T-006w
1,3-Dichloropropane _A [#]	<1							µg/l	1	A-T-006w
Dibromochloromethane _A [#]	<3							µg/l	3	A-T-006w
1,2-Dibromoethane _A [#]	<1							µg/l	1	A-T-006w
Tetrachloroethene _A	<1							µg/l	1	A-T-006w
1,1,1,2-Tetrachloroethane _A	<1							µg/l	1	A-T-006w
Chlorobenzene _A [#]	<1							µg/l	1	A-T-006w

Envirolab Job Number: 25/05709/8

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	25/05709/8									
Client Sample No										
Client Sample ID	RBH505									
Depth to Top	10.00									
Depth To Bottom										
Date Sampled	29-May-25									
Sample Type	WATER - GW									
Sample Matrix Code	N/A									
								Units	Limit of Detection	Method ref
Bromoform _A [#]	<3							µg/l	3	A-T-006w
Styrene _A [#]	<1							µg/l	1	A-T-006w
1,1,2,2-Tetrachloroethane _A	<1							µg/l	1	A-T-006w
1,2,3-Trichloropropane _A [#]	<1							µg/l	1	A-T-006w
Isopropylbenzene _A [#]	<1							µg/l	1	A-T-006w
Bromobenzene _A [#]	<1							µg/l	1	A-T-006w
2-Chlorotoluene _A [#]	<1							µg/l	1	A-T-006w
n-propylbenzene _A [#]	<1							µg/l	1	A-T-006w
4-Chlorotoluene _A [#]	<1							µg/l	1	A-T-006w
1,2,4-Trimethylbenzene _A [#]	<1							µg/l	1	A-T-006w
4-Isopropyltoluene _A [#]	<1							µg/l	1	A-T-006w
1,3,5-Trimethylbenzene _A [#]	<1							µg/l	1	A-T-006w
1,2-Dichlorobenzene _A [#]	<1							µg/l	1	A-T-006w
1,4-Dichlorobenzene _A [#]	<1							µg/l	1	A-T-006w
sec-Butylbenzene _A [#]	<1							µg/l	1	A-T-006w
tert-Butylbenzene _A [#]	<2							µg/l	2	A-T-006w
1,3-Dichlorobenzene _A [#]	<1							µg/l	1	A-T-006w
n-butylbenzene _A [#]	<1							µg/l	1	A-T-006w
1,2-Dibromo-3-chloropropane _A [#]	<2							µg/l	2	A-T-006w
1,2,4-Trichlorobenzene _A [#]	<3							µg/l	3	A-T-006w
1,2,3-Trichlorobenzene _A [#]	<3							µg/l	3	A-T-006w
Hexachlorobutadiene _A [#]	<1							µg/l	1	A-T-006w

Envirolab Job Number: 25/05709/8

Client Project Name: Plots NT02-NT04

Client Project Ref: 4328

Lab Sample ID	25/05709/8									
Client Sample No										
Client Sample ID	RBH505									
Depth to Top	10.00									
Depth To Bottom										
Date Sampled	29-May-25									
Sample Type	WATER - GW									
Sample Matrix Code	N/A									
TPH CWG (w) with Clean Up										
Ali >C5-C6 (w) _A [#]	<1							µg/l	1	A-T-022w
Ali >C6-C8 (w) _A [#]	<1							µg/l	1	A-T-022w
Ali >C8-C10 (w) _A [#]	<5							µg/l	5	A-T-055w
Ali >C10-C12 (w) _A [#]	<5							µg/l	5	A-T-055w
Ali >C12-C16 (w) _A [#]	<5							µg/l	5	A-T-055w
Ali >C16-C21 (w) _A [#]	<5							µg/l	5	A-T-055w
Ali >C21-C35 (w) _A [#]	<5							µg/l	5	A-T-055w
Total Aliphatics (w) _A [#]	<5							µg/l	5	Calc-As Recd
Aro >C5-C7 (w) _A [#]	<1							µg/l	1	A-T-022w
Aro >C7-C8 (w) _A [#]	<1							µg/l	1	A-T-022w
Aro >C8-C10 (w) _A	<5							µg/l	5	A-T-055w
Aro >C10-C12 (w) _A [#]	<5							µg/l	5	A-T-055w
Aro >C12-C16 (w) _A [#]	<5							µg/l	5	A-T-055w
Aro >C16-C21 (w) _A [#]	<5							µg/l	5	A-T-055w
Aro >C21-C35 (w) _A [#]	<10							µg/l	10	A-T-055w
Total Aromatics (w) _A [#]	<10							µg/l	10	Calc-As Recd
TPH (Ali & Aro >C5-C35) (w) _A	<10							µg/l	10	Calc-As Recd
BTEX - Benzene (w) _A [#]	<1							µg/l	1	A-T-022w
BTEX - Toluene (w) _A [#]	<1							µg/l	1	A-T-022w
BTEX - Ethyl Benzene (w) _A [#]	<1							µg/l	1	A-T-022w
BTEX - m & p Xylene (w) _A [#]	<1							µg/l	1	A-T-022w
BTEX - o Xylene (w) _A [#]	<1							µg/l	1	A-T-022w
MTBE (w) _A [#]	<1							µg/l	1	A-T-022w

Report Notes

General

- This report shall not be reproduced, except in full, without written approval from Envirolab.
- The client Sample No, Client Sample ID, Depth to top, Depth to Bottom and Date Sampled are all provided by the client and can affect the validity of results.
- The results reported herein relate only to the material supplied to the laboratory.
- The residue of any samples contained within this report, and any received within the same delivery, will be disposed of **four weeks** after the initial scheduling. For samples tested for Asbestos we will retain a portion of the dried sample for a minimum of **six months** after the initial Asbestos testing is completed.
- Analytical results reflect the quality of the sample at the time of analysis only.
- Opinions and Interpretations expressed are outside our scope of accreditation.
- A deviating sample report is appended and will indicate if samples or tests have been found to be deviating. Any test results affected may not be an accurate record of the concentration at the time of sampling and, as a result, may be invalid.
- If a sample is outside of the calibration range or affected by interferences then it may need diluting. This will result in the limit of detection (LOD) being raised.
- Subcontracted Analysis: Please see the appended report for any deviations, current LODs and accreditation status of the test.

Key

Superscript “#”	Accredited to ISO 17025
Superscript “M”	Accredited to MCertS
Superscript “U”	Individual result not accredited
None of the above symbols	Analysis unaccredited
Subscript “A”	Analysis performed on as-received Sample
Subscript “D”	Analysis performed on the dried sample, crushed to pass 2mm sieve.
Subscript “D” on Asbestos	Analysis performed on a dried aliquot of sample provided.
Subscript “A”	Analysis has dependant options against results. Details appear in the comments of your Sample receipt
IS	Insufficient Sample for analysis
US	Unsuitable Sample for analysis
NDP	No Determination Possible
NAD	No Asbestos Detected
Trace	Asbestos found not suitable for Gravimetric Quantification – not enough to accurately weigh.
N/A	Not applicable

Asbestos

Identification: Asbestos in soil analysis is performed on a dried aliquot of the submitted sample and cannot guarantee to identify asbestos if only present in small numbers as discrete fibres/fragments in the original sample.

Stones etc. are not removed from the sample prior to analysis

“Trace Asbestos Identified” will be reported if there is not enough present to verify the type.

Assigned Matrix Codes

1	SAND	6	CLAY/LOAM	A	Contains Stones
2	LOAM	7	OTHER	B	Contains Construction Rubble
3	CLAY	8	Asbestos Bulk (Only Asbestos ID accredited)	C	Contains visible hydrocarbons
4	LOAM/SAND	9	Incinerator Ash (some Metals accredited)	D	Contains glass / metal
5	SAND/CLAY			E	Contains roots / twigs

Note: 7,8,9 matrices are not covered by our ISO 17025 or MCertS accreditation, unless stated above.

Soil Chemical Analysis:

All results are reported as dry weight (<40°C).

For samples with Matrix Codes 1 - 6 natural stones, brick and concrete fragments >10mm and any extraneous material (visible glass, metal or twigs) are removed and excluded from the sample prior to analysis and reported results corrected to a whole sample basis. This is reported as “% stones >10mm”.

For samples with Matrix Code 7 the whole sample is dried and crushed prior to analysis and this supersedes any “A” subscripts

All analysis is performed on the sample as received for soil samples which are positive for asbestos or the client has informed asbestos may be present and/or if they are from outside the European Union and this supersedes any “D” subscripts.

TPH by method A-T-007:

For waters, free and visible oils are excluded from the sample used for analysis, so the reported result represents the dissolved phase only.

Results “with Clean up” indicates samples cleaned up with Silica during extraction.

EPH CWG (method A-T-055) from TPH CWG:

EPH CWG results have humics mathematically subtracted through instrument calculation.

Where these humic substances have been identified in any IDs from “TPH CWG with clean up” please note that the concentration is **NOT** included in the quantified results but present in the ID for information.

Electrical Conductivity of water by method A-T-037:

Results greater than 12900µS/cm @ 25°C / 11550µS/cm @ 20°C fall outside the calibration range and as such are unaccredited.

Please contact your client manager if you require any further information.

Envirolab Deviating Samples Report

Hattersley Science & Technology Park, Stockport Road, Hattersley, SK14 3QU
Tel. 0161 368 4921 email. ask@envlab.co.uk

Client: ROCP LIMITED, Commercial Wharf 6 Commercial Street, Castlefield,
Manchester, M15 4PZ

Project: Plots NT02-NT04

Clients Project No: 4328

Project No: 25/05709

Date Received: 02/06/2025 (am)

Cool Box Temperatures (°C): 14.9 - 15.5

NO DEVIATIONS IDENTIFIED

If, at any point before reaching the laboratory, the temperature of the samples has breached those set in published standards, e.g. BS-EN 5667-3, ISO 18400-102:2017, then the concentration of any affected analytes may differ from that at the time of sampling.

Envirolab Analysis Dates

Lab Sample ID	25/05709/1	25/05709/2	25/05709/3	25/05709/4	25/05709/5	25/05709/6	25/05709/7	25/05709/8
Client Sample No								
Client Sample ID/Depth	LKBH01 13.00m	RBH203 14.00m	RBH305 7.00m	RBH501 13.00m	RBH502 13.00m	RBH503 8.00m	RBH504 8.00m	RBH505 10.00m
Date Sampled	29/05/25	29/05/25	29/05/25	29/05/25	29/05/25	29/05/25	29/05/25	29/05/25
A-T-006w	05/06/2025	05/06/2025	05/06/2025	05/06/2025	05/06/2025	05/06/2025	05/06/2025	05/06/2025
A-T-022w	06/06/2025	06/06/2025	06/06/2025	06/06/2025	06/06/2025	06/06/2025	06/06/2025	06/06/2025
A-T-055w	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025
Calc-As Recd	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025	09/06/2025

The above dates are the analysis completion dates, please note that these are not necessarily the date that the analysis was weighed/extracted.

End of Report

FINAL ANALYTICAL TEST REPORT

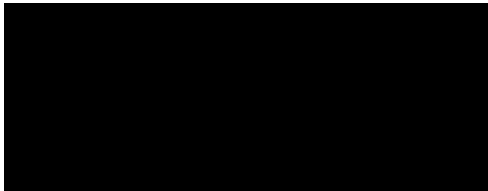
Envirolab Job Number: 25/06839
Issue Number: 1

Date: 03 July, 2025

Client: ROCP LIMITED
Commercial Wharf 6 Commercial Street
Castlefield
Manchester
M15 4PZ

Project Manager: Reece McGuinness
Project Name: Dantzic Street, Plot NT02-NT04
Project Ref: 4328
Order No: **PBJ20620**
Date Samples Received: 25/06/25
Date Instructions Received: 26/06/25
Date Analysis Completed: 03/07/25

Approved by:



Gemma Berrisford
Deputy Client Services Supervisor

Envirolab Job Number: 25/06839

Client Project Name: Dantzie Street, Plot NT02-NT04

Client Project Ref: 4328

Lab Sample ID	25/06839/1	25/06839/2	25/06839/3	25/06839/4	25/06839/5	25/06839/6	25/06839/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH 305	RBH 503	RBH 505	LKBH 01	RBH 504	RBH 501	RBH 502			
Depth to Top	7.00	8.00	10.00	13.00	8.00	13.00	13.00			
Depth To Bottom										
Date Sampled	24-Jun-25	24-Jun-25	24-Jun-25	24-Jun-25	24-Jun-25	25-Jun-25	25-Jun-25			
Sample Type	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW			
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
VOC (w)										
Dichlorodifluoromethane _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Chloromethane _A	<10	<10	<10	<10	<10	<10	<10	µg/l	10	A-T-006w
Vinyl Chloride _A [#]	<1	35	<1	44	<1	<1	<1	µg/l	1	A-T-006w
Bromomethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Chloroethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Trichlorofluoromethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
trans 1,2-Dichloroethene _A [#]	<1	5	<1	133	2	<1	<1	µg/l	1	A-T-006w
Dichloromethane _A	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-006w
Carbon Disulphide _A [#]	<1	<1	<1	<1	<1	4	<1	µg/l	1	A-T-006w
1,1-Dichloroethene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,1-Dichloroethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
cis 1,2-Dichloroethene _A [#]	<1	54	<1	199	152	8	1	µg/l	1	A-T-006w
Bromochloromethane _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-006w
Chloroform _A [#]	<1	<1	<1	<1	8	184	111	µg/l	1	A-T-006w
2,2-Dichloropropane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,2-Dichloroethane _A [#]	<2	<2	<2	<2	<2	<2	<2	µg/l	2	A-T-006w
1,1,1-Trichloroethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,1-Dichloropropene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Benzene _A [#]	<1	12	<1	69	<1	<1	<1	µg/l	1	A-T-006w
Carbon Tetrachloride _A [#]	<1	<1	<1	<1	12	10	212	µg/l	1	A-T-006w
Dibromomethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,2-Dichloropropane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Bromodichloromethane _A [#]	<10	<10	<10	<10	<10	<10	<10	µg/l	10	A-T-006w
Trichloroethene _A [#]	<1	<1	<1	<1	66	199	17	µg/l	1	A-T-006w
cis 1,3-Dichloropropene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
trans 1,3-Dichloropropene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,1,2-Trichloroethane _A [#]	<1	<1	<1	<1	1	2	2	µg/l	1	A-T-006w
Toluene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,3-Dichloropropane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Dibromochloromethane _A [#]	<3	<3	<3	<3	<3	<3	<3	µg/l	3	A-T-006w
1,2-Dibromoethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Tetrachloroethene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w

Envirolab Job Number: 25/06839

Client Project Name: Dantzie Street, Plot NT02-NT04

Client Project Ref: 4328

Lab Sample ID	25/06839/1	25/06839/2	25/06839/3	25/06839/4	25/06839/5	25/06839/6	25/06839/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH 305	RBH 503	RBH 505	LKBH 01	RBH 504	RBH 501	RBH 502			
Depth to Top	7.00	8.00	10.00	13.00	8.00	13.00	13.00			
Depth To Bottom										
Date Sampled	24-Jun-25	24-Jun-25	24-Jun-25	24-Jun-25	24-Jun-25	25-Jun-25	25-Jun-25			
Sample Type	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW			
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
1,1,1,2-Tetrachloroethane _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Chlorobenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Ethylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
m & p Xylene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Bromoform _A [#]	<3	<3	<3	<3	<3	<3	<3	µg/l	3	A-T-006w
Styrene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,1,2,2-Tetrachloroethane _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
o-Xylene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,2,3-Trichloropropane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Isopropylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Bromobenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
2-Chlorotoluene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
n-propylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
4-Chlorotoluene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,2,4-Trimethylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
4-Isopropyltoluene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,3,5-Trimethylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,2-Dichlorobenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,4-Dichlorobenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
sec-Butylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
tert-Butylbenzene _A [#]	<2	<2	<2	<2	<2	<2	<2	µg/l	2	A-T-006w
1,3-Dichlorobenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
n-butylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,2-Dibromo-3-chloropropane _A [#]	<2	<2	<2	<2	<2	<2	<2	µg/l	2	A-T-006w
1,2,4-Trichlorobenzene _A [#]	<3	<3	<3	<3	<3	<3	<3	µg/l	3	A-T-006w
1,2,3-Trichlorobenzene _A [#]	<3	<3	<3	<3	<3	<3	<3	µg/l	3	A-T-006w
Hexachlorobutadiene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w

Envirolab Job Number: 25/06839

Client Project Name: Dantzie Street, Plot NT02-NT04

Client Project Ref: 4328

Lab Sample ID	25/06839/1	25/06839/2	25/06839/3	25/06839/4	25/06839/5	25/06839/6	25/06839/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH 305	RBH 503	RBH 505	LKBH 01	RBH 504	RBH 501	RBH 502			
Depth to Top	7.00	8.00	10.00	13.00	8.00	13.00	13.00			
Depth To Bottom										
Date Sampled	24-Jun-25	24-Jun-25	24-Jun-25	24-Jun-25	24-Jun-25	25-Jun-25	25-Jun-25			
Sample Type	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW			
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
TPH CWG (w) with Clean Up										
Ali >C5-C6 (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
Ali >C6-C8 (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
Ali >C8-C10 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Ali >C10-C12 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Ali >C12-C16 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Ali >C16-C21 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Ali >C21-C35 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Total Aliphatics (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	Calc-As Recd
Aro >C5-C7 (w) _A [#]	<1	12	<1	64	<1	<1	<1	µg/l	1	A-T-022w
Aro >C7-C8 (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
Aro >C8-C10 (w) _A	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Aro >C10-C12 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Aro >C12-C16 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Aro >C16-C21 (w) _A [#]	<5	<5	<5	<5	<5	13	<5	µg/l	5	A-T-055w
Aro >C21-C35 (w) _A [#]	<10	<10	<10	<10	<10	12	<10	µg/l	10	A-T-055w
Total Aromatics (w) _A [#]	<10	12	<10	64	<10	25	<10	µg/l	10	Calc-As Recd
TPH (Ali & Aro >C5-C35) (w) _A	<10	12	<10	64	<10	25	<10	µg/l	10	Calc-As Recd
BTEX - Benzene (w) _A [#]	<1	12	<1	64	<1	<1	<1	µg/l	1	A-T-022w
BTEX - Toluene (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
BTEX - Ethyl Benzene (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
BTEX - m & p Xylene (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
BTEX - o Xylene (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
MTBE (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w

Envirolab Job Number: 25/06839

Client Project Name: Dantzie Street, Plot NT02-NT04

Client Project Ref: 4328

Lab Sample ID	25/06839/8									
Client Sample No										
Client Sample ID	RBH 203									
Depth to Top	14.00									
Depth To Bottom										
Date Sampled	25-Jun-25									
Sample Type	WATER - GW									
Sample Matrix Code	N/A									
VOC (w)										
Dichlorodifluoromethane _A	<1							µg/l	1	A-T-006w
Chloromethane _A	<10							µg/l	10	A-T-006w
Vinyl Chloride _A [#]	<1							µg/l	1	A-T-006w
Bromomethane _A [#]	<1							µg/l	1	A-T-006w
Chloroethane _A [#]	<1							µg/l	1	A-T-006w
Trichlorofluoromethane _A [#]	<1							µg/l	1	A-T-006w
trans 1,2-Dichloroethene _A [#]	<1							µg/l	1	A-T-006w
Dichloromethane _A	<5							µg/l	5	A-T-006w
Carbon Disulphide _A [#]	<1							µg/l	1	A-T-006w
1,1-Dichloroethene _A [#]	<1							µg/l	1	A-T-006w
1,1-Dichloroethane _A [#]	<1							µg/l	1	A-T-006w
cis 1,2-Dichloroethene _A [#]	11							µg/l	1	A-T-006w
Bromochloromethane _A [#]	<5							µg/l	5	A-T-006w
Chloroform _A [#]	3							µg/l	1	A-T-006w
2,2-Dichloropropane _A [#]	<1							µg/l	1	A-T-006w
1,2-Dichloroethane _A [#]	<2							µg/l	2	A-T-006w
1,1,1-Trichloroethane _A [#]	<1							µg/l	1	A-T-006w
1,1-Dichloropropene _A [#]	<1							µg/l	1	A-T-006w
Benzene _A [#]	<1							µg/l	1	A-T-006w
Carbon Tetrachloride _A [#]	<1							µg/l	1	A-T-006w
Dibromomethane _A [#]	<1							µg/l	1	A-T-006w
1,2-Dichloropropane _A [#]	<1							µg/l	1	A-T-006w
Bromodichloromethane _A [#]	<10							µg/l	10	A-T-006w
Trichloroethene _A [#]	5							µg/l	1	A-T-006w
cis 1,3-Dichloropropene _A [#]	<1							µg/l	1	A-T-006w
trans 1,3-Dichloropropene _A [#]	<1							µg/l	1	A-T-006w
1,1,2-Trichloroethane _A [#]	<1							µg/l	1	A-T-006w
Toluene _A [#]	<1							µg/l	1	A-T-006w
1,3-Dichloropropane _A [#]	<1							µg/l	1	A-T-006w
Dibromochloromethane _A [#]	<3							µg/l	3	A-T-006w
1,2-Dibromoethane _A [#]	<1							µg/l	1	A-T-006w
Tetrachloroethene _A	<1							µg/l	1	A-T-006w

Envirolab Job Number: 25/06839

Client Project Name: Dantzie Street, Plot NT02-NT04

Client Project Ref: 4328

Lab Sample ID	25/06839/8									
Client Sample No										
Client Sample ID	RBH 203									
Depth to Top	14.00									
Depth To Bottom										
Date Sampled	25-Jun-25									
Sample Type	WATER - GW									
Sample Matrix Code	N/A									
								Units	Limit of Detection	Method ref
1,1,1,2-Tetrachloroethane _A	<1							µg/l	1	A-T-006w
Chlorobenzene _A [#]	<1							µg/l	1	A-T-006w
Ethylbenzene _A [#]	<1							µg/l	1	A-T-006w
m & p Xylene _A [#]	<1							µg/l	1	A-T-006w
Bromoform _A [#]	<3							µg/l	3	A-T-006w
Styrene _A [#]	<1							µg/l	1	A-T-006w
1,1,2,2-Tetrachloroethane _A	<1							µg/l	1	A-T-006w
o-Xylene _A [#]	<1							µg/l	1	A-T-006w
1,2,3-Trichloropropane _A [#]	<1							µg/l	1	A-T-006w
Isopropylbenzene _A [#]	<1							µg/l	1	A-T-006w
Bromobenzene _A [#]	<1							µg/l	1	A-T-006w
2-Chlorotoluene _A [#]	<1							µg/l	1	A-T-006w
n-propylbenzene _A [#]	<1							µg/l	1	A-T-006w
4-Chlorotoluene _A [#]	<1							µg/l	1	A-T-006w
1,2,4-Trimethylbenzene _A [#]	<1							µg/l	1	A-T-006w
4-Isopropyltoluene _A [#]	<1							µg/l	1	A-T-006w
1,3,5-Trimethylbenzene _A [#]	<1							µg/l	1	A-T-006w
1,2-Dichlorobenzene _A [#]	<1							µg/l	1	A-T-006w
1,4-Dichlorobenzene _A [#]	<1							µg/l	1	A-T-006w
sec-Butylbenzene _A [#]	<1							µg/l	1	A-T-006w
tert-Butylbenzene _A [#]	<2							µg/l	2	A-T-006w
1,3-Dichlorobenzene _A [#]	<1							µg/l	1	A-T-006w
n-butylbenzene _A [#]	<1							µg/l	1	A-T-006w
1,2-Dibromo-3-chloropropane _A [#]	<2							µg/l	2	A-T-006w
1,2,4-Trichlorobenzene _A [#]	<3							µg/l	3	A-T-006w
1,2,3-Trichlorobenzene _A [#]	<3							µg/l	3	A-T-006w
Hexachlorobutadiene _A [#]	<1							µg/l	1	A-T-006w

Envirolab Job Number: 25/06839/8

Client Project Name: Dantzie Street, Plot NT02-NT04

Client Project Ref: 4328

Lab Sample ID	25/06839/8									
Client Sample No										
Client Sample ID	RBH 203									
Depth to Top	14.00									
Depth To Bottom										
Date Sampled	25-Jun-25									
Sample Type	WATER - GW									
Sample Matrix Code	N/A									
TPH CWG (w) with Clean Up										
Ali >C5-C6 (w) _A [#]	<1							µg/l	1	A-T-022w
Ali >C6-C8 (w) _A [#]	2							µg/l	1	A-T-022w
Ali >C8-C10 (w) _A [#]	6							µg/l	5	A-T-055w
Ali >C10-C12 (w) _A [#]	<5							µg/l	5	A-T-055w
Ali >C12-C16 (w) _A [#]	7							µg/l	5	A-T-055w
Ali >C16-C21 (w) _A [#]	30							µg/l	5	A-T-055w
Ali >C21-C35 (w) _A [#]	214							µg/l	5	A-T-055w
Total Aliphatics (w) _A [#]	259							µg/l	5	Calc-As Recd
Aro >C5-C7 (w) _A [#]	<1							µg/l	1	A-T-022w
Aro >C7-C8 (w) _A [#]	<1							µg/l	1	A-T-022w
Aro >C8-C10 (w) _A	31							µg/l	5	A-T-055w
Aro >C10-C12 (w) _A [#]	23							µg/l	5	A-T-055w
Aro >C12-C16 (w) _A [#]	47							µg/l	5	A-T-055w
Aro >C16-C21 (w) _A [#]	49							µg/l	5	A-T-055w
Aro >C21-C35 (w) _A [#]	61							µg/l	10	A-T-055w
Total Aromatics (w) _A [#]	211							µg/l	10	Calc-As Recd
TPH (Ali & Aro >C5-C35) (w) _A	470							µg/l	10	Calc-As Recd
BTEX - Benzene (w) _A [#]	<1							µg/l	1	A-T-022w
BTEX - Toluene (w) _A [#]	<1							µg/l	1	A-T-022w
BTEX - Ethyl Benzene (w) _A [#]	<1							µg/l	1	A-T-022w
BTEX - m & p Xylene (w) _A [#]	<1							µg/l	1	A-T-022w
BTEX - o Xylene (w) _A [#]	<1							µg/l	1	A-T-022w
MTBE (w) _A [#]	<1							µg/l	1	A-T-022w

Report Notes

General

- This report shall not be reproduced, except in full, without written approval from Envirolab.
- The client Sample No, Client Sample ID, Depth to top, Depth to Bottom and Date Sampled are all provided by the client and can affect the validity of results.
- The results reported herein relate only to the material supplied to the laboratory.
- The residue of any samples contained within this report, and any received within the same delivery, will be disposed of **four weeks** after the initial scheduling. For samples tested for Asbestos we will retain a portion of the dried sample for a minimum of **six months** after the initial Asbestos testing is completed.
- Analytical results reflect the quality of the sample at the time of analysis only.
- Opinions and Interpretations expressed are outside our scope of accreditation.
- A deviating sample report is appended and will indicate if samples or tests have been found to be deviating. Any test results affected may not be an accurate record of the concentration at the time of sampling and, as a result, may be invalid.
- If a sample is outside of the calibration range or affected by interferences then it may need diluting. This will result in the limit of detection (LOD) being raised.
- Subcontracted Analysis: Please see the appended report for any deviations, current LODs and accreditation status of the test.

Key

Superscript “#”	Accredited to ISO 17025
Superscript “M”	Accredited to MCertS
Superscript “U”	Individual result not accredited
None of the above symbols	Analysis unaccredited
Subscript “A”	Analysis performed on as-received Sample
Subscript “D”	Analysis performed on the dried sample, crushed to pass 2mm sieve.
Subscript “D” on Asbestos	Analysis performed on a dried aliquot of sample provided.
Subscript “A”	Analysis has dependant options against results. Details appear in the comments of your Sample receipt
IS	Insufficient Sample for analysis
US	Unsuitable Sample for analysis
NDP	No Determination Possible
NAD	No Asbestos Detected
Trace	Asbestos found not suitable for Gravimetric Quantification – not enough to accurately weigh.
N/A	Not applicable

Asbestos

Identification: Asbestos in soil analysis is performed on a dried aliquot of the submitted sample and cannot guarantee to identify asbestos if only present in small numbers as discrete fibres/fragments in the original sample.

Stones etc. are not removed from the sample prior to analysis

“Trace Asbestos Identified” will be reported if there is not enough present to verify the type.

Assigned Matrix Codes

1	SAND	6	CLAY/LOAM	A	Contains Stones
2	LOAM	7	OTHER	B	Contains Construction Rubble
3	CLAY	8	Asbestos Bulk (Only Asbestos ID accredited)	C	Contains visible hydrocarbons
4	LOAM/SAND	9	Incinerator Ash (some Metals accredited)	D	Contains glass / metal
5	SAND/CLAY			E	Contains roots / twigs

Note: 7,8,9 matrices are not covered by our ISO 17025 or MCertS accreditation, unless stated above.

Soil Chemical Analysis:

All results are reported as dry weight (<40°C).

For samples with Matrix Codes 1 - 6 natural stones, brick and concrete fragments >10mm and any extraneous material (visible glass, metal or twigs) are removed and excluded from the sample prior to analysis and reported results corrected to a whole sample basis. This is reported as '% stones >10mm'.

For samples with Matrix Code 7 the whole sample is dried and crushed prior to analysis and this supersedes any “A” subscripts

All analysis is performed on the sample as received for soil samples which are positive for asbestos or the client has informed asbestos may be present and/or if they are from outside the European Union and this supersedes any “D” subscripts.

TPH by method A-T-007:

For waters, free and visible oils are excluded from the sample used for analysis, so the reported result represents the dissolved phase only.

Results “with Clean up” indicates samples cleaned up with Silica during extraction.

EPH CWG (method A-T-055) from TPH CWG:

EPH CWG results have humics mathematically subtracted through instrument calculation.

Where these humic substances have been identified in any IDs from “TPH CWG with clean up” please note that the concentration is **NOT** included in the quantified results but present in the ID for information.

Electrical Conductivity of water by method A-T-037:

Results greater than 12900µS/cm @ 25°C / 11550µS/cm @ 20°C fall outside the calibration range and as such are unaccredited.

Please contact your client manager if you require any further information.

Envirolab Deviating Samples Report

Hattersley Science & Technology Park, Stockport Road, Hattersley, SK14 3QU
Tel. 0161 368 4921 email. ask@envlab.co.uk

Client: ROCP LIMITED, Commercial Wharf 6 Commercial Street, Castlefield,
Manchester, M15 4PZ

Project: Dantzic Street, Plot NT02-NT04

Clients Project No: 4328

Project No: 25/06839

Date Received: 26/06/2025 (am)

Cool Box Temperatures (°C): 14.2 - 16.2

NO DEVIATIONS IDENTIFIED

If, at any point before reaching the laboratory, the temperature of the samples has breached those set in published standards, e.g. BS-EN 5667-3, ISO 18400-102:2017, then the concentration of any affected analytes may differ from that at the time of sampling.

Envirolab Analysis Dates

Lab Sample ID	25/06839/1	25/06839/2	25/06839/3	25/06839/4	25/06839/5	25/06839/6	25/06839/7	25/06839/8
Client Sample No								
Client Sample ID/Depth	RBH 305 7.00m	RBH 503 8.00m	RBH 505 10.00m	LKBH 01 13.00m	RBH 504 8.00m	RBH 501 13.00m	RBH 502 13.00m	RBH 203 14.00m
Date Sampled	24/06/25	24/06/25	24/06/25	24/06/25	24/06/25	25/06/25	25/06/25	25/06/25
A-T-006w	02/07/2025	02/07/2025	02/07/2025	02/07/2025	02/07/2025	02/07/2025	02/07/2025	02/07/2025
A-T-022w	03/07/2025	03/07/2025	03/07/2025	03/07/2025	03/07/2025	03/07/2025	03/07/2025	03/07/2025
A-T-055w	02/07/2025	02/07/2025	02/07/2025	02/07/2025	02/07/2025	02/07/2025	02/07/2025	02/07/2025
Calc-As Recd	03/07/2025	03/07/2025	03/07/2025	03/07/2025	03/07/2025	03/07/2025	03/07/2025	03/07/2025

The above dates are the analysis completion dates, please note that these are not necessarily the date that the analysis was weighed/extracted.

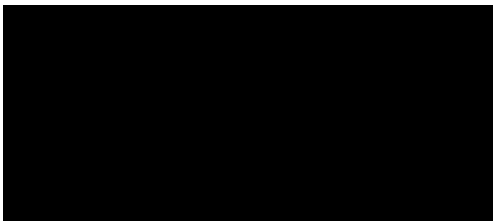
End of Report

FINAL ANALYTICAL TEST REPORT

Envirolab Job Number: 25/08080
Issue Number: 1
Date: 30 July, 2025

Client: ROCP LIMITED
Commercial Wharf 6 Commercial Street
Castlefield
Manchester
M15 4PZ

Project Manager: Reece McGuinness
Project Name: Dantzic Street Plot NT02-NT04
Project Ref: 4328
Order No: PBJ20632
Date Samples Received: 24/07/25
Date Instructions Received: 25/07/25
Date Analysis Completed: 30/07/25



Gemma Berrisford
Deputy Client Services Supervisor

Envirolab Job Number: 25/08080

Client Project Name: Dantzie Street Plot NT02-NT04

Client Project Ref: 4328

Lab Sample ID	25/08080/1	25/08080/2	25/08080/3	25/08080/4	25/08080/5	25/08080/6	25/08080/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH 305	RBH 503	RBH 505	LKBH01	RBH 504	RBH 501	RBH 502			
Depth to Top	7.00	8.00	10.00	13.00	8.00	13.00	13.00			
Depth To Bottom										
Date Sampled	23-Jul-25	23-Jul-25	23-Jul-25	23-Jul-25	23-Jul-25	23-Jul-25	23-Jul-25			
Sample Type	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW			
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
VOC (w)										
Dichlorodifluoromethane _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Chloromethane _A	<10	<10	<10	<10	<10	<10	<10	µg/l	10	A-T-006w
Vinyl Chloride _A [#]	<1	41	<1	51	<1	<1	<1	µg/l	1	A-T-006w
Bromomethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Chloroethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Trichlorofluoromethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
trans 1,2-Dichloroethene _A [#]	<1	6	<1	134	2	<1	<1	µg/l	1	A-T-006w
Dichloromethane _A	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-006w
Carbon Disulphide _A [#]	<1	<1	<1	<1	<1	1	<1	µg/l	1	A-T-006w
1,1-Dichloroethene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,1-Dichloroethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
cis 1,2-Dichloroethene _A [#]	<1	45	<1	181	134	5	<1	µg/l	1	A-T-006w
Bromochloromethane _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-006w
Chloroform _A [#]	<1	<1	<1	<1	6	85	109	µg/l	1	A-T-006w
2,2-Dichloropropane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,2-Dichloroethane _A [#]	<2	<2	<2	<2	<2	<2	<2	µg/l	2	A-T-006w
1,1,1-Trichloroethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,1-Dichloropropene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Benzene _A [#]	<1	15	<1	79	<1	<1	<1	µg/l	1	A-T-006w
Carbon Tetrachloride _A [#]	<1	<1	<1	<1	9	7	240	µg/l	1	A-T-006w
Dibromomethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,2-Dichloropropane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Bromodichloromethane _A [#]	<10	<10	<10	<10	<10	<10	<10	µg/l	10	A-T-006w
Trichloroethene _A [#]	<1	<1	<1	<1	65	125	16	µg/l	1	A-T-006w
cis 1,3-Dichloropropene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
trans 1,3-Dichloropropene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,1,2-Trichloroethane _A [#]	<1	<1	<1	<1	<1	1	2	µg/l	1	A-T-006w
Toluene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,3-Dichloropropane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Dibromochloromethane _A [#]	<3	<3	<3	<3	<3	<3	<3	µg/l	3	A-T-006w
1,2-Dibromoethane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Tetrachloroethene _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w

Envirolab Job Number: 25/08080

Client Project Name: Dantzie Street Plot NT02-NT04

Client Project Ref: 4328

Lab Sample ID	25/08080/1	25/08080/2	25/08080/3	25/08080/4	25/08080/5	25/08080/6	25/08080/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH 305	RBH 503	RBH 505	LKBH01	RBH 504	RBH 501	RBH 502			
Depth to Top	7.00	8.00	10.00	13.00	8.00	13.00	13.00			
Depth To Bottom										
Date Sampled	23-Jul-25	23-Jul-25	23-Jul-25	23-Jul-25	23-Jul-25	23-Jul-25	23-Jul-25			
Sample Type	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW			
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
1,1,1,2-Tetrachloroethane _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Chlorobenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Ethylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
m & p Xylene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Bromoform _A [#]	<3	<3	<3	<3	<3	<3	<3	µg/l	3	A-T-006w
Styrene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,1,1,2-Tetrachloroethane _A	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
o-Xylene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,2,3-Trichloropropane _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Isopropylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
Bromobenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
2-Chlorotoluene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
n-propylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
4-Chlorotoluene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,2,4-Trimethylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
4-Isopropyltoluene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,3,5-Trimethylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,2-Dichlorobenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,4-Dichlorobenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
sec-Butylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
tert-Butylbenzene _A [#]	<2	<2	<2	<2	<2	<2	<2	µg/l	2	A-T-006w
1,3-Dichlorobenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
n-butylbenzene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w
1,2-Dibromo-3-chloropropane _A [#]	<2	<2	<2	<2	<2	<2	<2	µg/l	2	A-T-006w
1,2,4-Trichlorobenzene _A [#]	<3	<3	<3	<3	<3	<3	<3	µg/l	3	A-T-006w
1,2,3-Trichlorobenzene _A [#]	<3	<3	<3	<3	<3	<3	<3	µg/l	3	A-T-006w
Hexachlorobutadiene _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-006w

Envirolab Job Number: 25/08080

Client Project Name: Dantzie Street Plot NT02-NT04

Client Project Ref: 4328

Lab Sample ID	25/08080/1	25/08080/2	25/08080/3	25/08080/4	25/08080/5	25/08080/6	25/08080/7	Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH 305	RBH 503	RBH 505	LKBH01	RBH 504	RBH 501	RBH 502			
Depth to Top	7.00	8.00	10.00	13.00	8.00	13.00	13.00			
Depth To Bottom										
Date Sampled	23-Jul-25	23-Jul-25	23-Jul-25	23-Jul-25	23-Jul-25	23-Jul-25	23-Jul-25			
Sample Type	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW			
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
TPH CWG (w) with Clean Up										
Ali >C5-C6 (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
Ali >C6-C8 (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
Ali >C8-C10 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Ali >C10-C12 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Ali >C12-C16 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Ali >C16-C21 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Ali >C21-C35 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Total Aliphatics (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	Calc-As Recd
Aro >C5-C7 (w) _A [#]	<1	15	<1	70	<1	<1	<1	µg/l	1	A-T-022w
Aro >C7-C8 (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
Aro >C8-C10 (w) _A	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Aro >C10-C12 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Aro >C12-C16 (w) _A [#]	<5	<5	<5	<5	<5	<5	<5	µg/l	5	A-T-055w
Aro >C16-C21 (w) _A [#]	<5	<5	<5	<5	<5	6	<5	µg/l	5	A-T-055w
Aro >C21-C35 (w) _A [#]	<10	<10	<10	<10	<10	<10	<10	µg/l	10	A-T-055w
Total Aromatics (w) _A [#]	<10	15	<10	70	<10	<10	<10	µg/l	10	Calc-As Recd
TPH (Ali & Aro >C5-C35) (w) _A	<10	15	<10	70	<10	<10	<10	µg/l	10	Calc-As Recd
BTEX - Benzene (w) _A [#]	<1	15	<1	70	<1	<1	<1	µg/l	1	A-T-022w
BTEX - Toluene (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
BTEX - Ethyl Benzene (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
BTEX - m & p Xylene (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
BTEX - o Xylene (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w
MTBE (w) _A [#]	<1	<1	<1	<1	<1	<1	<1	µg/l	1	A-T-022w

Envirolab Job Number: 25/08080

Client Project Name: Dantzie Street Plot NT02-NT04

Client Project Ref: 4328

Lab Sample ID	25/08080/8									
Client Sample No										
Client Sample ID	RBH 203									
Depth to Top	14.00									
Depth To Bottom										
Date Sampled	23-Jul-25									
Sample Type	WATER - GW									
Sample Matrix Code	N/A									
VOC (w)										
Dichlorodifluoromethane _A	<1							µg/l	1	A-T-006w
Chloromethane _A	<10							µg/l	10	A-T-006w
Vinyl Chloride _A [#]	<1							µg/l	1	A-T-006w
Bromomethane _A [#]	<1							µg/l	1	A-T-006w
Chloroethane _A [#]	<1							µg/l	1	A-T-006w
Trichlorofluoromethane _A [#]	<1							µg/l	1	A-T-006w
trans 1,2-Dichloroethene _A [#]	<1							µg/l	1	A-T-006w
Dichloromethane _A	<5							µg/l	5	A-T-006w
Carbon Disulphide _A [#]	<1							µg/l	1	A-T-006w
1,1-Dichloroethene _A [#]	<1							µg/l	1	A-T-006w
1,1-Dichloroethane _A [#]	<1							µg/l	1	A-T-006w
cis 1,2-Dichloroethene _A [#]	11							µg/l	1	A-T-006w
Bromochloromethane _A [#]	<5							µg/l	5	A-T-006w
Chloroform _A [#]	2							µg/l	1	A-T-006w
2,2-Dichloropropane _A [#]	<1							µg/l	1	A-T-006w
1,2-Dichloroethane _A [#]	<2							µg/l	2	A-T-006w
1,1,1-Trichloroethane _A [#]	<1							µg/l	1	A-T-006w
1,1-Dichloropropene _A [#]	<1							µg/l	1	A-T-006w
Benzene _A [#]	<1							µg/l	1	A-T-006w
Carbon Tetrachloride _A [#]	<1							µg/l	1	A-T-006w
Dibromomethane _A [#]	<1							µg/l	1	A-T-006w
1,2-Dichloropropane _A [#]	<1							µg/l	1	A-T-006w
Bromodichloromethane _A [#]	<10							µg/l	10	A-T-006w
Trichloroethene _A [#]	11							µg/l	1	A-T-006w
cis 1,3-Dichloropropene _A [#]	<1							µg/l	1	A-T-006w
trans 1,3-Dichloropropene _A [#]	<1							µg/l	1	A-T-006w
1,1,2-Trichloroethane _A [#]	<1							µg/l	1	A-T-006w
Toluene _A [#]	<1							µg/l	1	A-T-006w
1,3-Dichloropropane _A [#]	<1							µg/l	1	A-T-006w
Dibromochloromethane _A [#]	<3							µg/l	3	A-T-006w
1,2-Dibromoethane _A [#]	<1							µg/l	1	A-T-006w
Tetrachloroethene _A	<1							µg/l	1	A-T-006w

Envirolab Job Number: 25/08080

Client Project Name: Dantzie Street Plot NT02-NT04

Client Project Ref: 4328

Lab Sample ID	25/08080/8									
Client Sample No										
Client Sample ID	RBH 203									
Depth to Top	14.00									
Depth To Bottom										
Date Sampled	23-Jul-25									
Sample Type	WATER - GW									
Sample Matrix Code	N/A									
1,1,1,2-Tetrachloroethane _A	<1							µg/l	1	A-T-006w
Chlorobenzene _A [#]	<1							µg/l	1	A-T-006w
Ethylbenzene _A [#]	<1							µg/l	1	A-T-006w
m & p Xylene _A [#]	<1							µg/l	1	A-T-006w
Bromoform _A [#]	<3							µg/l	3	A-T-006w
Styrene _A [#]	<1							µg/l	1	A-T-006w
1,1,2,2-Tetrachloroethane _A	<1							µg/l	1	A-T-006w
o-Xylene _A [#]	<1							µg/l	1	A-T-006w
1,2,3-Trichloropropane _A [#]	<1							µg/l	1	A-T-006w
Isopropylbenzene _A [#]	<1							µg/l	1	A-T-006w
Bromobenzene _A [#]	<1							µg/l	1	A-T-006w
2-Chlorotoluene _A [#]	<1							µg/l	1	A-T-006w
n-propylbenzene _A [#]	<1							µg/l	1	A-T-006w
4-Chlorotoluene _A [#]	<1							µg/l	1	A-T-006w
1,2,4-Trimethylbenzene _A [#]	<1							µg/l	1	A-T-006w
4-Isopropyltoluene _A [#]	<1							µg/l	1	A-T-006w
1,3,5-Trimethylbenzene _A [#]	<1							µg/l	1	A-T-006w
1,2-Dichlorobenzene _A [#]	<1							µg/l	1	A-T-006w
1,4-Dichlorobenzene _A [#]	<1							µg/l	1	A-T-006w
sec-Butylbenzene _A [#]	<1							µg/l	1	A-T-006w
tert-Butylbenzene _A [#]	<2							µg/l	2	A-T-006w
1,3-Dichlorobenzene _A [#]	<1							µg/l	1	A-T-006w
n-butylbenzene _A [#]	<1							µg/l	1	A-T-006w
1,2-Dibromo-3-chloropropane _A [#]	<2							µg/l	2	A-T-006w
1,2,4-Trichlorobenzene _A [#]	<3							µg/l	3	A-T-006w
1,2,3-Trichlorobenzene _A [#]	<3							µg/l	3	A-T-006w
Hexachlorobutadiene _A [#]	<1							µg/l	1	A-T-006w

Envirolab Job Number: 25/08080/8

Client Project Name: Dantzie Street Plot NT02-NT04

Client Project Ref: 4328

Lab Sample ID	25/08080/8									
Client Sample No										
Client Sample ID	RBH 203									
Depth to Top	14.00									
Depth To Bottom										
Date Sampled	23-Jul-25									
Sample Type	WATER - GW									
Sample Matrix Code	N/A									
TPH CWG (w) with Clean Up										
Ali >C5-C6 (w) _A [#]	1							µg/l	1	A-T-022w
Ali >C6-C8 (w) _A [#]	3							µg/l	1	A-T-022w
Ali >C8-C10 (w) _A [#]	<5							µg/l	5	A-T-055w
Ali >C10-C12 (w) _A [#]	<5							µg/l	5	A-T-055w
Ali >C12-C16 (w) _A [#]	<5							µg/l	5	A-T-055w
Ali >C16-C21 (w) _A [#]	<5							µg/l	5	A-T-055w
Ali >C21-C35 (w) _A [#]	<5							µg/l	5	A-T-055w
Total Aliphatics (w) _A [#]	<5							µg/l	5	Calc-As Recd
Aro >C5-C7 (w) _A [#]	<1							µg/l	1	A-T-022w
Aro >C7-C8 (w) _A [#]	<1							µg/l	1	A-T-022w
Aro >C8-C10 (w) _A	10							µg/l	5	A-T-055w
Aro >C10-C12 (w) _A [#]	8							µg/l	5	A-T-055w
Aro >C12-C16 (w) _A [#]	12							µg/l	5	A-T-055w
Aro >C16-C21 (w) _A [#]	17							µg/l	5	A-T-055w
Aro >C21-C35 (w) _A [#]	16							µg/l	10	A-T-055w
Total Aromatics (w) _A [#]	63							µg/l	10	Calc-As Recd
TPH (Ali & Aro >C5-C35) (w) _A	67							µg/l	10	Calc-As Recd
BTEX - Benzene (w) _A [#]	<1							µg/l	1	A-T-022w
BTEX - Toluene (w) _A [#]	<1							µg/l	1	A-T-022w
BTEX - Ethyl Benzene (w) _A [#]	<1							µg/l	1	A-T-022w
BTEX - m & p Xylene (w) _A [#]	<1							µg/l	1	A-T-022w
BTEX - o Xylene (w) _A [#]	<1							µg/l	1	A-T-022w
MTBE (w) _A [#]	<1							µg/l	1	A-T-022w

Report Notes

General

- This report shall not be reproduced, except in full, without written approval from Envirolab.
- The client Sample No, Client Sample ID, Depth to top, Depth to Bottom and Date Sampled are all provided by the client and can affect the validity of results.
- The results reported herein relate only to the material supplied to the laboratory.
- The residue of any samples contained within this report, and any received within the same delivery, will be disposed of **four weeks** after the initial scheduling. For samples tested for Asbestos we will retain a portion of the dried sample for a minimum of **six months** after the initial Asbestos testing is completed.
- Analytical results reflect the quality of the sample at the time of analysis only.
- Opinions and Interpretations expressed are outside our scope of accreditation.
- A deviating sample report is appended and will indicate if samples or tests have been found to be deviating. Any test results affected may not be an accurate record of the concentration at the time of sampling and, as a result, may be invalid.
- If a sample is outside of the calibration range or affected by interferences then it may need diluting. This will result in the limit of detection (LOD) being raised.
- Subcontracted Analysis: Please see the appended report for any deviations, current LODs and accreditation status of the test.

Key

Superscript “#”	Accredited to ISO 17025
Superscript “M”	Accredited to MCertS
Superscript “U”	Individual result not accredited
None of the above symbols	Analysis unaccredited
Subscript “A”	Analysis performed on as-received Sample
Subscript “D”	Analysis performed on the dried sample, crushed to pass 2mm sieve.
Subscript “D” on Asbestos	Analysis performed on a dried aliquot of sample provided.
Subscript “A”	Analysis has dependant options against results. Details appear in the comments of your Sample receipt
IS	Insufficient Sample for analysis
US	Unsuitable Sample for analysis
NDP	No Determination Possible
NAD	No Asbestos Detected
Trace	Asbestos found not suitable for Gravimetric Quantification – not enough to accurately weigh.
N/A	Not applicable

Asbestos

Identification: Asbestos in soil analysis is performed on a dried aliquot of the submitted sample and cannot guarantee to identify asbestos if only present in small numbers as discrete fibres/fragments in the original sample.

Stones etc. are not removed from the sample prior to analysis

“Trace Asbestos Identified” will be reported if there is not enough present to verify the type.

Assigned Matrix Codes

1	SAND	6	CLAY/LOAM	A	Contains Stones
2	LOAM	7	OTHER	B	Contains Construction Rubble
3	CLAY	8	Asbestos Bulk (Only Asbestos ID accredited)	C	Contains visible hydrocarbons
4	LOAM/SAND	9	Incinerator Ash (some Metals accredited)	D	Contains glass / metal
5	SAND/CLAY			E	Contains roots / twigs

Note: 7,8,9 matrices are not covered by our ISO 17025 or MCertS accreditation, unless stated above.

Soil Chemical Analysis:

All results are reported as dry weight (<40°C).

For samples with Matrix Codes 1 - 6 natural stones, brick and concrete fragments >10mm and any extraneous material (visible glass, metal or twigs) are removed and excluded from the sample prior to analysis and reported results corrected to a whole sample basis. This is reported as “% stones >10mm”.

For samples with Matrix Code 7 the whole sample is dried and crushed prior to analysis and this supersedes any “A” subscripts

All analysis is performed on the sample as received for soil samples which are positive for asbestos or the client has informed asbestos may be present and/or if they are from outside the European Union and this supersedes any “D” subscripts.

TPH by method A-T-007:

For waters, free and visible oils are excluded from the sample used for analysis, so the reported result represents the dissolved phase only.

Results “with Clean up” indicates samples cleaned up with Silica during extraction.

EPH CWG (method A-T-055) from TPH CWG:

EPH CWG results have humics mathematically subtracted through instrument calculation.

Where these humic substances have been identified in any IDs from “TPH CWG with clean up” please note that the concentration is **NOT** included in the quantified results but present in the ID for information.

Electrical Conductivity of water by method A-T-037:

Results greater than 12900µS/cm @ 25°C / 11550µS/cm @ 20°C fall outside the calibration range and as such are unaccredited.

Please contact your client manager if you require any further information.

Envirolab Deviating Samples Report

Hattersley Science & Technology Park, Stockport Road, Hattersley, SK14 3QU
Tel. 0161 368 4921 email. ask@envlab.co.uk

Client: ROCP LIMITED, Commercial Wharf 6 Commercial Street, Castlefield,
Manchester, M15 4PZ

Project: Dantzic Street Plot NT02-NT04

Clients Project No: 4328

Project No: 25/08080

Date Received: 25/07/2025 (am)

Cool Box Temperatures (°C): 16.4, 16.0, 15.8

NO DEVIATIONS IDENTIFIED

If, at any point before reaching the laboratory, the temperature of the samples has breached those set in published standards, e.g. BS-EN 5667-3, ISO 18400-102:2017, then the concentration of any affected analytes may differ from that at the time of sampling.

Envirolab Analysis Dates

Lab Sample ID	25/08080/1	25/08080/2	25/08080/3	25/08080/4	25/08080/5	25/08080/6	25/08080/7	25/08080/8
Client Sample No								
Client Sample ID/Depth	RBH 305 7.00m	RBH 503 8.00m	RBH 505 10.00m	LKBH01 13.00m	RBH 504 8.00m	RBH 501 13.00m	RBH 502 13.00m	RBH 203 14.00m
Date Sampled	23/07/25	23/07/25	23/07/25	23/07/25	23/07/25	23/07/25	23/07/25	23/07/25
A-T-006w	30/07/2025	30/07/2025	30/07/2025	30/07/2025	30/07/2025	30/07/2025	30/07/2025	30/07/2025
A-T-022w	30/07/2025	30/07/2025	30/07/2025	30/07/2025	30/07/2025	30/07/2025	30/07/2025	30/07/2025
A-T-055w	30/07/2025	30/07/2025	30/07/2025	30/07/2025	30/07/2025	30/07/2025	30/07/2025	30/07/2025
Calc-As Recd	30/07/2025	30/07/2025	30/07/2025	30/07/2025	30/07/2025	30/07/2025	30/07/2025	30/07/2025

The above dates are the analysis completion dates, please note that these are not necessarily the date that the analysis was weighed/extracted.

End of Report

FINAL ANALYTICAL TEST REPORT SUPPLEMENT TO TEST REPORT 25/09125/2

Amendments: Re-issue following query/investigation

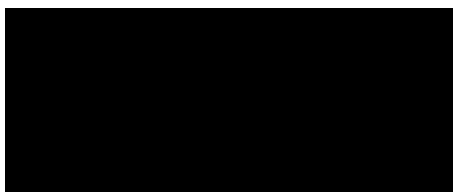
Envirolab Job Number: 25/09125
Issue Number: 3

Date: 08 September, 2025

Client: ROCP LIMITED
Commercial Wharf 6 Commercial Street
Castlefield
Manchester
M15 4PZ

Project Manager: Gerard Whittall/Reece McGuinness/Talaat Mousa
Project Name: Dantzic Street
Project Ref: 4328
Order No: PBJ20656
Date Samples Received: 19/08/25
Date Instructions Received: 21/08/25
Date Analysis Completed: 04/09/25

Approved by:



Gemma Berrisford
Deputy Client Services Supervisor

Envirolab Job Number: 25/09125

Client Project Name: Dantzic Street

Client Project Ref: 4328

Lab Sample ID	25/09125/1	25/09125/2	25/09125/3					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	LKBH01	RBH503	RBH505							
Depth to Top	11.00	8.50	11.00							
Depth To Bottom										
Date Sampled	19-Aug-25	19-Aug-25	19-Aug-25							
Sample Type	WATER - GW	WATER - GW	WATER - GW							
Sample Matrix Code	N/A	N/A	N/A							
pH (w) _A [#]	7.10	6.77	6.74					pH	0.01	A-T-031w
Sulphate (w) _A [#]	220	275	245					mg/l	1	A-T-026w
Cyanide (total) (w) _A [#]	0.044	0.033	0.289					mg/l	0.005	A-T-042wTCN
Phenols - Total by HPLC (w) _A	<0.01	<0.01	<0.01					mg/l	0.01	A-T-050w
DOC - Dissolved Organic Carbon (w) _A [#]	3.9	5.6	3.4					mg/l	2	A-T-032w
Antimony (dissolved) _A [#]	<1	<1	<1					µg/l	1	A-T-025w
Arsenic (dissolved) _A [#]	19	12	7					µg/l	1	A-T-025w
Boron (dissolved) _A [#]	143	265	203					µg/l	10	A-T-025w
Barium (dissolved) _A [#]	87	51	100					µg/l	1	A-T-025w
Beryllium (dissolved) _A [#]	<1	<1	<1					µg/l	1	A-T-025w
Cadmium (dissolved) _A [#]	<0.2	<0.2	<0.2					µg/l	0.2	A-T-025w
Copper (dissolved) _A [#]	<4	<4	<4					µg/l	4	A-T-025w
Chromium (dissolved) _A [#]	<1	<1	<1					µg/l	1	A-T-025w
Chromium (hexavalent) (w) _A [#]	<0.05	<0.05	<0.05					mg/l	0.05	A-T-040w
Chromium (trivalent) (w)	<0.05	<0.05	<0.05					mg/l	0.01	Calc
Lead (dissolved) _A [#]	0.2	0.1	0.4					µg/l	0.1	A-T-025w
Mercury (dissolved) _A [#]	<0.1	<0.1	<0.1					µg/l	0.1	A-T-025w
Molybdenum (dissolved) _A [#]	1.4	<0.5	0.9					µg/l	0.5	A-T-025w
Nickel (dissolved) _A [#]	3	2	6					µg/l	2	A-T-025w
Selenium (dissolved) _A [#]	<1	<1	<1					µg/l	1	A-T-025w
Vanadium (dissolved) _A [#]	<1	<1	<1					µg/l	1	A-T-025w
Zinc (dissolved) _A [#]	14	<2	3					µg/l	2	A-T-025w

Envirolab Job Number: 25/09125

Client Project Name: Dantzic Street

Client Project Ref: 4328

Lab Sample ID	25/09125/1	25/09125/2	25/09125/3					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	LKBH01	RBH503	RBH505							
Depth to Top	11.00	8.50	11.00							
Depth To Bottom										
Date Sampled	19-Aug-25	19-Aug-25	19-Aug-25							
Sample Type	WATER - GW	WATER - GW	WATER - GW							
Sample Matrix Code	N/A	N/A	N/A							
PAH 16MS (w)										
Acenaphthene (w) _A [#]	0.25	0.11	0.16					µg/l	0.01	A-T-019w
Acenaphthylene (w) _A [#]	0.01	<0.01	0.01					µg/l	0.01	A-T-019w
Anthracene (w) _A [#]	0.04	0.05	0.07					µg/l	0.01	A-T-019w
Benzo(a)anthracene (w) _A [#]	<0.01	<0.01	<0.01					µg/l	0.01	A-T-019w
Benzo(a)pyrene (w) _A [#]	<0.01	<0.01	<0.01					µg/l	0.01	A-T-019w
Benzo(b)fluoranthene (w) _A [#]	<0.01	<0.01	<0.01					µg/l	0.01	A-T-019w
Benzo(ghi)perylene (w) _A [#]	<0.01	<0.01	<0.01					µg/l	0.01	A-T-019w
Benzo(k)fluoranthene (w) _A [#]	<0.01	<0.01	<0.01					µg/l	0.01	A-T-019w
Chrysene (w) _A [#]	<0.01	<0.01	<0.01					µg/l	0.01	A-T-019w
Dibenzo(ah)anthracene (w) _A [#]	<0.01	<0.01	<0.01					µg/l	0.01	A-T-019w
Fluoranthene (w) _A [#]	<0.01	0.02	<0.01					µg/l	0.01	A-T-019w
Fluorene (w) _A [#]	<0.01	0.02	0.02					µg/l	0.01	A-T-019w
Indeno(123-cd)pyrene (w) _A [#]	<0.01	<0.01	<0.01					µg/l	0.01	A-T-019w
Naphthalene (w) _A [#]	0.07	0.02	<0.01					µg/l	0.01	A-T-019w
Phenanthrene (w) _A [#]	0.01	0.02	0.01					µg/l	0.01	A-T-019w
Pyrene (w) _A [#]	<0.01	0.02	0.02					µg/l	0.01	A-T-019w
Total PAH 16MS (w) _A [#]	0.38	0.26	0.29					µg/l	0.01	A-T-019w

Envirolab Job Number: 25/09125

Client Project Name: Dantzie Street

Client Project Ref: 4328

Lab Sample ID	25/09125/1	25/09125/2	25/09125/3					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	LKBH01	RBH503	RBH505							
Depth to Top	11.00	8.50	11.00							
Depth To Bottom										
Date Sampled	19-Aug-25	19-Aug-25	19-Aug-25							
Sample Type	WATER - GW	WATER - GW	WATER - GW							
Sample Matrix Code	N/A	N/A	N/A							
VOC excl. BTEX										
Dichlorodifluoromethane _A	<1	<1	<1					µg/l	1	A-T-006w
Chloromethane _A	<10	<10	<10					µg/l	10	A-T-006w
Vinyl Chloride _A [#]	30	22	<1					µg/l	1	A-T-006w
Bromomethane _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Chloroethane _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Trichlorofluoromethane _A [#]	<1	<1	<1					µg/l	1	A-T-006w
trans 1,2-Dichloroethene _A [#]	198	6	<1					µg/l	1	A-T-006w
Dichloromethane _A	<5	<5	<5					µg/l	5	A-T-006w
Carbon Disulphide _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,1-Dichloroethene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,1-Dichloroethane _A [#]	<1	<1	<1					µg/l	1	A-T-006w
cis 1,2-Dichloroethene _A [#]	244	57	<1					µg/l	1	A-T-006w
Bromochloromethane _A [#]	<5	<5	<5					µg/l	5	A-T-006w
Chloroform _A [#]	<1	<1	<1					µg/l	1	A-T-006w
2,2-Dichloropropane _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,2-Dichloroethane _A [#]	<2	<2	<2					µg/l	2	A-T-006w
1,1,1-Trichloroethane _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,1-Dichloropropene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Carbon Tetrachloride _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Dibromomethane _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,2-Dichloropropane _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Bromodichloromethane _A [#]	<10	<10	<10					µg/l	10	A-T-006w
Trichloroethene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
cis 1,3-Dichloropropene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
trans 1,3-Dichloropropene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,1,2-Trichloroethane _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,3-Dichloropropane _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Dibromochloromethane _A [#]	<3	<3	<3					µg/l	3	A-T-006w
1,2-Dibromoethane _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Tetrachloroethene _A	<1	<1	<1					µg/l	1	A-T-006w
1,1,1,2-Tetrachloroethane _A	<1	<1	<1					µg/l	1	A-T-006w
Chlorobenzene _A [#]	<1	<1	<1					µg/l	1	A-T-006w

Envirolab Job Number: 25/09125

Client Project Name: Dantzie Street

Client Project Ref: 4328

Lab Sample ID	25/09125/1	25/09125/2	25/09125/3					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	LKBH01	RBH503	RBH505							
Depth to Top	11.00	8.50	11.00							
Depth To Bottom										
Date Sampled	19-Aug-25	19-Aug-25	19-Aug-25							
Sample Type	WATER - GW	WATER - GW	WATER - GW							
Sample Matrix Code	N/A	N/A	N/A							
Bromoform _A [#]	<3	<3	<3					µg/l	3	A-T-006w
Styrene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,1,2,2-Tetrachloroethane _A	<1	<1	<1					µg/l	1	A-T-006w
1,2,3-Trichloropropane _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Isopropylbenzene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
Bromobenzene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
2-Chlorotoluene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
n-propylbenzene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
4-Chlorotoluene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,2,4-Trimethylbenzene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
4-Isopropyltoluene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,3,5-Trimethylbenzene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,2-Dichlorobenzene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,4-Dichlorobenzene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
sec-Butylbenzene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
tert-Butylbenzene _A [#]	<2	<2	<2					µg/l	2	A-T-006w
1,3-Dichlorobenzene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
n-butylbenzene _A [#]	<1	<1	<1					µg/l	1	A-T-006w
1,2-Dibromo-3-chloropropane _A [#]	<2	<2	<2					µg/l	2	A-T-006w
1,2,4-Trichlorobenzene _A [#]	<3	<3	<3					µg/l	3	A-T-006w
1,2,3-Trichlorobenzene _A [#]	<3	<3	<3					µg/l	3	A-T-006w
Hexachlorobutadiene _A [#]	<1	<1	<1					µg/l	1	A-T-006w

Envirolab Job Number: 25/09125

Client Project Name: Dantzic Street

Client Project Ref: 4328

Lab Sample ID	25/09125/1	25/09125/2	25/09125/3					Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	LKBH01	RBH503	RBH505							
Depth to Top	11.00	8.50	11.00							
Depth To Bottom										
Date Sampled	19-Aug-25	19-Aug-25	19-Aug-25							
Sample Type	WATER - GW	WATER - GW	WATER - GW							
Sample Matrix Code	N/A	N/A	N/A							
TPH CWG (w) with Clean Up										
Ali >C5-C6 (w) _A [#]	<1	<1	<1					µg/l	1	A-T-022w
Ali >C6-C8 (w) _A [#]	<1	<1	<1					µg/l	1	A-T-022w
Ali >C8-C10 (w) _A [#]	<5	<5	<5					µg/l	5	A-T-055w
Ali >C10-C12 (w) _A [#]	<5	<5	<5					µg/l	5	A-T-055w
Ali >C12-C16 (w) _A [#]	<5	<5	<5					µg/l	5	A-T-055w
Ali >C16-C21 (w) _A [#]	<5	<5	<5					µg/l	5	A-T-055w
Ali >C21-C35 (w) _A [#]	<5	<5	<5					µg/l	5	A-T-055w
Total Aliphatics (w) _A [#]	<5	<5	<5					µg/l	5	Calc-As Recd
Aro >C5-C7 (w) _A [#]	166	8	<1					µg/l	1	A-T-022w
Aro >C7-C8 (w) _A [#]	<1	<1	<1					µg/l	1	A-T-022w
Aro >C8-C10 (w) _A	<5	<5	<5					µg/l	5	A-T-055w
Aro >C10-C12 (w) _A [#]	<5	<5	<5					µg/l	5	A-T-055w
Aro >C12-C16 (w) _A [#]	<5	<5	<5					µg/l	5	A-T-055w
Aro >C16-C21 (w) _A [#]	<5	<5	<5					µg/l	5	A-T-055w
Aro >C21-C35 (w) _A [#]	<10	<10	<10					µg/l	10	A-T-055w
Total Aromatics (w) _A [#]	166	<10	<10					µg/l	10	Calc-As Recd
TPH (Ali & Aro >C5-C35) (w) _A	166	<10	<10					µg/l	10	Calc-As Recd
BTEX - Benzene (w) _A [#]	166	8	<1					µg/l	1	A-T-022w
BTEX - Toluene (w) _A [#]	<1	<1	<1					µg/l	1	A-T-022w
BTEX - Ethyl Benzene (w) _A [#]	<1	<1	<1					µg/l	1	A-T-022w
BTEX - m & p Xylene (w) _A [#]	<1	<1	<1					µg/l	1	A-T-022w
BTEX - o Xylene (w) _A [#]	<1	<1	<1					µg/l	1	A-T-022w
MTBE (w) _A [#]	<1	<1	<1					µg/l	1	A-T-022w

Report Notes

General

- This report shall not be reproduced, except in full, without written approval from Envirolab.
- The client Sample No, Client Sample ID, Depth to top, Depth to Bottom and Date Sampled are all provided by the client and can affect the validity of results.
- The results reported herein relate only to the material supplied to the laboratory.
- The residue of any samples contained within this report, and any received within the same delivery, will be disposed of **four weeks** after the initial scheduling. For samples tested for Asbestos we will retain a portion of the dried sample for a minimum of **six months** after the initial Asbestos testing is completed.
- Analytical results reflect the quality of the sample at the time of analysis only.
- Opinions and Interpretations expressed are outside our scope of accreditation.
- A deviating sample report is appended and will indicate if samples or tests have been found to be deviating. Any test results affected may not be an accurate record of the concentration at the time of sampling and, as a result, may be invalid.
- If a sample is outside of the calibration range or affected by interferences then it may need diluting. This will result in the limit of detection (LOD) being raised.
- Subcontracted Analysis: Please see the appended report for any deviations, current LODs and accreditation status of the test.

Key

Superscript “#”	Accredited to ISO 17025
Superscript “M”	Accredited to MCertS
Superscript “U”	Individual result not accredited
None of the above symbols	Analysis unaccredited
Subscript “A”	Analysis performed on as-received Sample
Subscript “D”	Analysis performed on the dried sample, crushed to pass 2mm sieve.
Subscript “D” on Asbestos	Analysis performed on a dried aliquot of sample provided.
Subscript “A”	Analysis has dependant options against results. Details appear in the comments of your Sample receipt
IS	Insufficient Sample for analysis
US	Unsuitable Sample for analysis
NDP	No Determination Possible
NAD	No Asbestos Detected
Trace	Asbestos found not suitable for Gravimetric Quantification – not enough to accurately weigh.
N/A	Not applicable

Asbestos

Identification: Asbestos in soil analysis is performed on a dried aliquot of the submitted sample and cannot guarantee to identify asbestos if only present in small numbers as discrete fibres/fragments in the original sample.

Stones etc. are not removed from the sample prior to analysis

“Trace Asbestos Identified” will be reported if there is not enough present to verify the type.

Assigned Matrix Codes

1	SAND	6	CLAY/LOAM	A	Contains Stones
2	LOAM	7	OTHER	B	Contains Construction Rubble
3	CLAY	8	Asbestos Bulk (Only Asbestos ID accredited)	C	Contains visible hydrocarbons
4	LOAM/SAND	9	Incinerator Ash (some Metals accredited)	D	Contains glass / metal
5	SAND/CLAY			E	Contains roots / twigs

Note: 7,8,9 matrices are not covered by our ISO 17025 or MCertS accreditation, unless stated above.

Soil Chemical Analysis:

All results are reported as dry weight (<40°C).

For samples with Matrix Codes 1 - 6 natural stones, brick and concrete fragments >10mm and any extraneous material (visible glass, metal or twigs) are removed and excluded from the sample prior to analysis and reported results corrected to a whole sample basis. This is reported as “% stones >10mm”.

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All analysis is performed on the sample as received for soil samples which are positive for asbestos or the client has informed asbestos may be present and/or if they are from outside the European Union and this supersedes any “D” subscripts.

TPH by method A-T-007:

For waters, free and visible oils are excluded from the sample used for analysis, so the reported result represents the dissolved phase only.

Results “with Clean up” indicates samples cleaned up with Silica during extraction.

EPH CWG (method A-T-055) from TPH CWG:

EPH CWG results have humics mathematically subtracted through instrument calculation.

Where these humic substances have been identified in any IDs from “TPH CWG with clean up” please note that the concentration is **NOT** included in the quantified results but present in the ID for information.

Electrical Conductivity of water by method A-T-037:

Results greater than 12900µS/cm @ 25°C / 11550µS/cm @ 20°C fall outside the calibration range and as such are unaccredited.

Please contact your client manager if you require any further information.

Envirolab Deviating Samples Report

Hattersley Science & Technology Park, Stockport Road, Hattersley, SK14 3QU
Tel. 0161 368 4921 email. ask@envlab.co.uk

Client: ROCP LIMITED, Commercial Wharf 6 Commercial Street, Castlefield,
Manchester, M15 4PZ

Project: Dantzic Street

Clients Project No: 4328

Project No: 25/09125

Date Received: 21/08/2025 (am)

Cool Box Temperatures (°C): 18.5

Lab Sample ID	25/09125/1	25/09125/2	25/09125/3
Client Sample No			
Client Sample ID/Depth	LKBH01 11.00m	RBH503 8.50m	RBH505 11.00m
Date Sampled	19/08/25	19/08/25	19/08/25
Deviation Code			
A8 (no NaOH)	✓	✓	✓
A9 (no H2SO4)	✓	✓	✓
F	✓	✓	✓

Key
A8 (no NaOH) No NaOH preserved bottle provided (cyanides, sulphide will be deviating)

A9 (no H2SO4) No H2SO4 preserved bottle provided (phenols, ammonia, DOC, COD will be deviating)

F Maximum holding time exceeded between sampling date and analysis for analytes listed below

HOLDING TIME EXCEEDANCES

Lab Sample ID	25/09125/1	25/09125/2	25/09125/3
Client Sample No			
Client Sample ID/Depth	LKBH01 11.00m	RBH503 8.50m	RBH505 11.00m
Date Sampled	19/08/25	19/08/25	19/08/25
pH (w)	✓	✓	✓

Note: If, at any point before reaching the laboratory, the temperature of the samples has breached those set in published standards, e.g. BS-EN 5667-3 (for water samples $5 \pm 3^{\circ}\text{C}$), ISO 18400-105:2017, then the concentration of any affected analytes may differ from that at the time of sampling.

Envirolab Analysis Dates

Lab Sample ID	25/09125/1	25/09125/2	25/09125/3
Client Sample No			
Client Sample ID/Depth	LKBH01 11.00m	RBH503 8.50m	RBH505 11.00m
Date Sampled	19/08/25	19/08/25	19/08/25
A-T-006w	27/08/2025	27/08/2025	27/08/2025
A-T-019w	03/09/2025	03/09/2025	03/09/2025
A-T-022w	26/08/2025	26/08/2025	26/08/2025
A-T-025w	02/09/2025	02/09/2025	02/09/2025
A-T-026w	01/09/2025	01/09/2025	01/09/2025
A-T-031w	29/08/2025	29/08/2025	29/08/2025
A-T-032w	04/09/2025	04/09/2025	04/09/2025
A-T-040w	01/09/2025	01/09/2025	01/09/2025
A-T-042wTCN	01/09/2025	01/09/2025	02/09/2025
A-T-050w	04/09/2025	04/09/2025	04/09/2025
A-T-055w	26/08/2025	26/08/2025	26/08/2025
Calc	02/09/2025	02/09/2025	02/09/2025
Calc-As Recd	26/08/2025	26/08/2025	26/08/2025

The above dates are the analysis completion dates, please note that these are not necessarily the date that the analysis was weighed/extracted.

End of Report

FINAL ANALYTICAL TEST REPORT SUPPLEMENT TO TEST REPORT 25/09222/1

Amendments: Request for Additional Analysis

Envirolab Job Number: 25/09222
Issue Number: 2

Date: 05 September, 2025

Client: ROCP LIMITED
Commercial Wharf 6 Commercial Street
Castlefield
Manchester
M15 4PZ

Project Manager: Gerard Whittall/Reece McGuinness/Talaat Mousa
Project Name: Dantzic Street
Project Ref: 4328
Order No: PBJ20656
Date Samples Received: 20/08/25
Date Instructions Received: 21/08/25
Date Analysis Completed: 05/09/25

Approved by:



Richard Wong
Client Manager

Envirolab Job Number: 25/09222

Client Project Name: Dantzic Street

Client Project Ref: 4328

Lab Sample ID	25/09222/1	25/09222/2	25/09222/3	25/09222/4	25/09222/5			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH203	RBH305	RBH501	RBH502	RBH504					
Depth to Top	15.00	7.20	13.00	16.40	9.00					
Depth To Bottom										
Date Sampled	20-Aug-25	20-Aug-25	20-Aug-25	20-Aug-25	20-Aug-25					
Sample Type	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
pH (w) _A [#]	6.75	6.74	6.84	6.85	6.58			pH	0.01	A-T-031w
Sulphate (w) _A [#]	<1	367	88	195	306			mg/l	1	A-T-026w
Cyanide (total) (w) _A [#]	<0.005	<0.005	<0.005	0.008	<0.005			mg/l	0.005	A-T-042wTCN
Phenols - Total by HPLC (w) _A	<0.01	<0.01	<0.01	<0.01	<0.01			mg/l	0.01	A-T-050w
DOC - Dissolved Organic Carbon (w) _A [#]	25.6	7.0	39.9	5.0	7.0			mg/l	2	A-T-032w
Antimony (dissolved) _A [#]	<1	3	<1	<1	<1			µg/l	1	A-T-025w
Arsenic (dissolved) _A [#]	7	1	8	<1	<1			µg/l	1	A-T-025w
Boron (dissolved) _A [#]	237	515	308	307	391			µg/l	10	A-T-025w
Barium (dissolved) _A [#]	337	86	318	68	44			µg/l	1	A-T-025w
Beryllium (dissolved) _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-025w
Cadmium (dissolved) _A [#]	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.2	A-T-025w
Copper (dissolved) _A [#]	<4	5	<4	<4	<4			µg/l	4	A-T-025w
Chromium (dissolved) _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-025w
Chromium (hexavalent) (w) _A [#]	<0.05	<0.05	<0.05	<0.05	<0.05			mg/l	0.05	A-T-040w
Chromium (trivalent) (w)	<0.05	<0.05	<0.05	<0.05	<0.05			mg/l	0.01	Calc
Lead (dissolved) _A [#]	<0	0	<0	0	4			µg/l	0.1	A-T-025w
Mercury (dissolved) _A [#]	<0.1	<0.1	<0.1	<0.1	<0.1			µg/l	0.1	A-T-025w
Molybdenum (dissolved) _A [#]	<0.5	10.5	0.7	<0.5	<0.5			µg/l	0.5	A-T-025w
Nickel (dissolved) _A [#]	<2	6	3	<2	3			µg/l	2	A-T-025w
Selenium (dissolved) _A [#]	<1	3	<1	2	2			µg/l	1	A-T-025w
Vanadium (dissolved) _A [#]	<1	1	<1	<1	<1			µg/l	1	A-T-025w
Zinc (dissolved) _A [#]	<2	13	<2	<2	<2			µg/l	2	A-T-025w

Envirolab Job Number: 25/09222

Client Project Name: Dantzic Street

Client Project Ref: 4328

Lab Sample ID	25/09222/1	25/09222/2	25/09222/3	25/09222/4	25/09222/5			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH203	RBH305	RBH501	RBH502	RBH504					
Depth to Top	15.00	7.20	13.00	16.40	9.00					
Depth To Bottom										
Date Sampled	20-Aug-25	20-Aug-25	20-Aug-25	20-Aug-25	20-Aug-25					
Sample Type	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
PAH 16MS (w)										
Acenaphthene (w) _A [#]	0.10	<0.01	<0.01	<0.01	0.03			µg/l	0.01	A-T-019w
Acenaphthylene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Anthracene (w) _A [#]	0.01	<0.01	<0.01	<0.01	0.02			µg/l	0.01	A-T-019w
Benzo(a)anthracene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Benzo(a)pyrene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Benzo(b)fluoranthene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Benzo(ghi)perylene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Benzo(k)fluoranthene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Chrysene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Dibenzo(ah)anthracene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Fluoranthene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	0.01			µg/l	0.01	A-T-019w
Fluorene (w) _A [#]	0.09	<0.01	<0.01	<0.01	0.02			µg/l	0.01	A-T-019w
Indeno(123-cd)pyrene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Naphthalene (w) _A [#]	0.08	<0.01	0.03	<0.01	<0.01			µg/l	0.01	A-T-019w
Phenanthrene (w) _A [#]	0.25	<0.01	<0.01	<0.01	0.04			µg/l	0.01	A-T-019w
Pyrene (w) _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Total PAH 16MS (w) _A [#]	0.53	<0.01	0.03	<0.01	0.12			µg/l	0.01	A-T-019w

Envirolab Job Number: 25/09222

Client Project Name: Dantzic Street

Client Project Ref: 4328

Lab Sample ID	25/09222/1	25/09222/2	25/09222/3	25/09222/4	25/09222/5			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH203	RBH305	RBH501	RBH502	RBH504					
Depth to Top	15.00	7.20	13.00	16.40	9.00					
Depth To Bottom										
Date Sampled	20-Aug-25	20-Aug-25	20-Aug-25	20-Aug-25	20-Aug-25					
Sample Type	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
VOC excl. BTEX										
Dichlorodifluoromethane _A	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Chloromethane _A	<10	<10	<10	<10	<10			µg/l	10	A-T-006w
Vinyl Chloride _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Bromomethane _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Chloroethane _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Trichlorofluoromethane _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
trans 1,2-Dichloroethene _A [#]	<1	<1	<1	<1	2			µg/l	1	A-T-006w
Dichloromethane _A	<5	<5	<5	<5	<5			µg/l	5	A-T-006w
Carbon Disulphide _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,1-Dichloroethene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,1-Dichloroethane _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
cis 1,2-Dichloroethene _A [#]	9	<1	5	1	187			µg/l	1	A-T-006w
Bromochloromethane _A [#]	<5	<5	<5	<5	<5			µg/l	5	A-T-006w
Chloroform _A [#]	1	<1	41	144	8			µg/l	1	A-T-006w
2,2-Dichloropropane _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,2-Dichloroethane _A [#]	<2	<2	<2	<2	<2			µg/l	2	A-T-006w
1,1,1-Trichloroethane _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,1-Dichloropropene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Carbon Tetrachloride _A [#]	<1	<1	4	307	10			µg/l	1	A-T-006w
Dibromomethane _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,2-Dichloropropane _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Bromodichloromethane _A [#]	<10	<10	<10	<10	<10			µg/l	10	A-T-006w
Trichloroethene _A [#]	9	<1	127	14	63			µg/l	1	A-T-006w
cis 1,3-Dichloropropene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
trans 1,3-Dichloropropene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,1,2-Trichloroethane _A [#]	<1	<1	<1	3	1			µg/l	1	A-T-006w
1,3-Dichloropropane _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Dibromochloromethane _A [#]	<3	<3	<3	<3	<3			µg/l	3	A-T-006w
1,2-Dibromoethane _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Tetrachloroethene _A	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,1,1,2-Tetrachloroethane _A	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Chlorobenzene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w

Envirolab Job Number: 25/09222

Client Project Name: Dantzie Street

Client Project Ref: 4328

Lab Sample ID	25/09222/1	25/09222/2	25/09222/3	25/09222/4	25/09222/5			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH203	RBH305	RBH501	RBH502	RBH504					
Depth to Top	15.00	7.20	13.00	16.40	9.00					
Depth To Bottom										
Date Sampled	20-Aug-25	20-Aug-25	20-Aug-25	20-Aug-25	20-Aug-25					
Sample Type	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
Bromoform _A [#]	<3	<3	<3	<3	<3			µg/l	3	A-T-006w
Styrene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,1,2,2-Tetrachloroethane _A	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,2,3-Trichloropropane _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Isopropylbenzene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Bromobenzene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
2-Chlorotoluene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
n-propylbenzene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
4-Chlorotoluene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,2,4-Trimethylbenzene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
4-Isopropyltoluene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,3,5-Trimethylbenzene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,2-Dichlorobenzene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,4-Dichlorobenzene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
sec-Butylbenzene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
tert-Butylbenzene _A [#]	<2	<2	<2	<2	<2			µg/l	2	A-T-006w
1,3-Dichlorobenzene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
n-butylbenzene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,2-Dibromo-3-chloropropane _A [#]	<2	<2	<2	<2	<2			µg/l	2	A-T-006w
1,2,4-Trichlorobenzene _A [#]	<3	<3	<3	<3	<3			µg/l	3	A-T-006w
1,2,3-Trichlorobenzene _A [#]	<3	<3	<3	<3	<3			µg/l	3	A-T-006w
Hexachlorobutadiene _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-006w

Envirolab Job Number: 25/09222

Client Project Name: Dantzic Street

Client Project Ref: 4328

Lab Sample ID	25/09222/1	25/09222/2	25/09222/3	25/09222/4	25/09222/5			Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	RBH203	RBH305	RBH501	RBH502	RBH504					
Depth to Top	15.00	7.20	13.00	16.40	9.00					
Depth To Bottom										
Date Sampled	20-Aug-25	20-Aug-25	20-Aug-25	20-Aug-25	20-Aug-25					
Sample Type	WATER - GW	WATER - GW	WATER - GW	WATER - GW	WATER - GW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
TPH CWG (w) with Clean Up										
Ali >C5-C6 (w) _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-022w
Ali >C6-C8 (w) _A [#]	1	<1	<1	<1	<1			µg/l	1	A-T-022w
Ali >C8-C10 (w) _A [#]	<5	<5	<5	<5	<5			µg/l	5	A-T-055w
Ali >C10-C12 (w) _A [#]	<5	<5	<5	<5	<5			µg/l	5	A-T-055w
Ali >C12-C16 (w) _A [#]	<5	<5	<5	<5	<5			µg/l	5	A-T-055w
Ali >C16-C21 (w) _A [#]	9	<5	<5	<5	<5			µg/l	5	A-T-055w
Ali >C21-C35 (w) _A [#]	109	<5	41	<5	11			µg/l	5	A-T-055w
Total Aliphatics (w) _A [#]	119	<5	41	<5	11			µg/l	5	Calc-As Recd
Aro >C5-C7 (w) _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-022w
Aro >C7-C8 (w) _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-022w
Aro >C8-C10 (w) _A	17	<5	11	<5	6			µg/l	5	A-T-055w
Aro >C10-C12 (w) _A [#]	8	<5	5	<5	<5			µg/l	5	A-T-055w
Aro >C12-C16 (w) _A [#]	14	<5	10	<5	5			µg/l	5	A-T-055w
Aro >C16-C21 (w) _A [#]	33	<5	25	<5	9			µg/l	5	A-T-055w
Aro >C21-C35 (w) _A [#]	64	<10	24	<10	<10			µg/l	10	A-T-055w
Total Aromatics (w) _A [#]	136	<10	75	<10	20			µg/l	10	Calc-As Recd
TPH (Ali & Aro >C5-C35) (w) _A	255	<10	116	<10	31			µg/l	10	Calc-As Recd
BTEX - Benzene (w) _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-022w
BTEX - Toluene (w) _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-022w
BTEX - Ethyl Benzene (w) _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-022w
BTEX - m & p Xylene (w) _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-022w
BTEX - o Xylene (w) _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-022w
MTBE (w) _A [#]	<1	<1	<1	<1	<1			µg/l	1	A-T-022w

Report Notes

General

- This report shall not be reproduced, except in full, without written approval from Envirolab.
- The client Sample No, Client Sample ID, Depth to top, Depth to Bottom and Date Sampled are all provided by the client and can affect the validity of results.
- The results reported herein relate only to the material supplied to the laboratory.
- The residue of any samples contained within this report, and any received within the same delivery, will be disposed of **four weeks** after the initial scheduling. For samples tested for Asbestos we will retain a portion of the dried sample for a minimum of **six months** after the initial Asbestos testing is completed.
- Analytical results reflect the quality of the sample at the time of analysis only.
- Opinions and Interpretations expressed are outside our scope of accreditation.
- A deviating sample report is appended and will indicate if samples or tests have been found to be deviating. Any test results affected may not be an accurate record of the concentration at the time of sampling and, as a result, may be invalid.
- If a sample is outside of the calibration range or affected by interferences then it may need diluting. This will result in the limit of detection (LOD) being raised.
- Subcontracted Analysis: Please see the appended report for any deviations, current LODs and accreditation status of the test.

Key

Superscript “#”	Accredited to ISO 17025
Superscript “M”	Accredited to MCertS
Superscript “U”	Individual result not accredited
None of the above symbols	Analysis unaccredited
Subscript “A”	Analysis performed on as-received Sample
Subscript “D”	Analysis performed on the dried sample, crushed to pass 2mm sieve.
Subscript “D” on Asbestos	Analysis performed on a dried aliquot of sample provided.
Subscript “A”	Analysis has dependant options against results. Details appear in the comments of your Sample receipt
IS	Insufficient Sample for analysis
US	Unsuitable Sample for analysis
NDP	No Determination Possible
NAD	No Asbestos Detected
Trace	Asbestos found not suitable for Gravimetric Quantification – not enough to accurately weigh.
N/A	Not applicable

Asbestos

Identification: Asbestos in soil analysis is performed on a dried aliquot of the submitted sample and cannot guarantee to identify asbestos if only present in small numbers as discrete fibres/fragments in the original sample.

Stones etc. are not removed from the sample prior to analysis

“Trace Asbestos Identified” will be reported if there is not enough present to verify the type.

Assigned Matrix Codes

1	SAND	6	CLAY/LOAM	A	Contains Stones
2	LOAM	7	OTHER	B	Contains Construction Rubble
3	CLAY	8	Asbestos Bulk (Only Asbestos ID accredited)	C	Contains visible hydrocarbons
4	LOAM/SAND	9	Incinerator Ash (some Metals accredited)	D	Contains glass / metal
5	SAND/CLAY			E	Contains roots / twigs
Note: 7,8,9 matrices are not covered by our ISO 17025 or MCertS accreditation, unless stated above.					

Soil Chemical Analysis:

All results are reported as dry weight (<40°C).

For samples with Matrix Codes 1 - 6 natural stones, brick and concrete fragments >10mm and any extraneous material (visible glass, metal or twigs) are removed and excluded from the sample prior to analysis and reported results corrected to a whole sample basis. This is reported as “% stones >10mm”.

For samples with Matrix Code 7 the whole sample is dried and crushed prior to analysis and this supersedes any “A” subscripts

All analysis is performed on the sample as received for soil samples which are positive for asbestos or the client has informed asbestos may be present and/or if they are from outside the European Union and this supersedes any “D” subscripts.

TPH by method A-T-007:

For waters, free and visible oils are excluded from the sample used for analysis, so the reported result represents the dissolved phase only.

Results “with Clean up” indicates samples cleaned up with Silica during extraction.

EPH CWG (method A-T-055) from TPH CWG:

EPH CWG results have humics mathematically subtracted through instrument calculation.

Where these humic substances have been identified in any IDs from “TPH CWG with clean up” please note that the concentration is **NOT** included in the quantified results but present in the ID for information.

Electrical Conductivity of water by method A-T-037:

Results greater than 12900µS/cm @ 25°C / 11550µS/cm @ 20°C fall outside the calibration range and as such are unaccredited.

Please contact your client manager if you require any further information.

Envirolab Deviating Samples Report

Hattersley Science & Technology Park, Stockport Road, Hattersley, SK14 3QU
Tel. 0161 368 4921 email. ask@envlab.co.uk

Client: ROCP LIMITED, Commercial Wharf 6 Commercial Street, Castlefield,
Manchester, M15 4PZ

Project: Dantzic Street

Clients Project No: 4328

Project No: 25/09222

Date Received: 21/08/2025 (am)

Cool Box Temperatures (°C): 16.8 & 17.1

Lab Sample ID	25/09222/1	25/09222/2	25/09222/3	25/09222/4	25/09222/5
Client Sample No					
Client Sample ID/Depth	RBH203 15.00m	RBH305 7.20m	RBH501 13.00m	RBH502 16.40m	RBH504 9.00m
Date Sampled	20/08/25	20/08/25	20/08/25	20/08/25	20/08/25
Deviation Code					
A8 (no NaOH)	✓	✓	✓	✓	✓
A9 (no H2SO4)	✓	✓	✓	✓	✓
F	✓	✓	✓	✓	✓

Key

A8 (no NaOH)

No NaOH preserved bottle provided (cyanides, sulphide will be deviating)

A9 (no H2SO4)

No H2SO4 preserved bottle provided (phenols, ammonia, DOC, COD will be deviating)

F

Maximum holding time exceeded between sampling date and analysis for analytes listed below

HOLDING TIME EXCEEDANCES

Lab Sample ID	25/09222/1	25/09222/2	25/09222/3	25/09222/4	25/09222/5
Client Sample No					
Client Sample ID/Depth	RBH203 15.00m	RBH305 7.20m	RBH501 13.00m	RBH502 16.40m	RBH504 9.00m
Date Sampled	20/08/25	20/08/25	20/08/25	20/08/25	20/08/25
pH (w)	✓	✓	✓	✓	✓

Note: If, at any point before reaching the laboratory, the temperature of the samples has breached those set in published standards, e.g. BS-EN 5667-3 (for water samples $5 \pm 3^{\circ}\text{C}$), ISO 18400-105:2017, then the concentration of any affected analytes may differ from that at the time of sampling.

Envirolab Analysis Dates

Lab Sample ID	25/09222/1	25/09222/2	25/09222/3	25/09222/4	25/09222/5
Client Sample No					
Client Sample ID/Depth	RBH203 15.00m	RBH305 7.20m	RBH501 13.00m	RBH502 16.40m	RBH504 9.00m
Date Sampled	20/08/25	20/08/25	20/08/25	20/08/25	20/08/25
A-T-006w	27/08/2025	27/08/2025	27/08/2025	27/08/2025	27/08/2025
A-T-019w	03/09/2025	03/09/2025	03/09/2025	03/09/2025	03/09/2025
A-T-022w	26/08/2025	26/08/2025	26/08/2025	26/08/2025	26/08/2025
A-T-025w	02/09/2025	04/09/2025	02/09/2025	02/09/2025	02/09/2025
A-T-026w	01/09/2025	01/09/2025	01/09/2025	01/09/2025	01/09/2025
A-T-031w	29/08/2025	29/08/2025	29/08/2025	29/08/2025	29/08/2025
A-T-032w	05/09/2025	05/09/2025	05/09/2025	05/09/2025	05/09/2025
A-T-040w	01/09/2025	01/09/2025	01/09/2025	01/09/2025	01/09/2025
A-T-042wTCN	01/09/2025	01/09/2025	01/09/2025	01/09/2025	01/09/2025
A-T-050w	04/09/2025	04/09/2025	04/09/2025	04/09/2025	04/09/2025
A-T-055w	26/08/2025	26/08/2025	26/08/2025	26/08/2025	26/08/2025
Calc	02/09/2025	02/09/2025	02/09/2025	02/09/2025	02/09/2025
Calc-As Recd	26/08/2025	26/08/2025	26/08/2025	26/08/2025	26/08/2025

The above dates are the analysis completion dates, please note that these are not necessarily the date that the analysis was weighed/extracted.

End of Report



COMPLEX CHALLENGES ...
MADE SIMPLE

APPENDIX C – GROUNDWATER MONITORING FIELD DATA



Groundwater Monitoring

Position ID: LKBH01

Monitoring Date: 29 May 2025 12:41:34

Round: 1

Record ID: SSLGW07KH00047

Groundwater Monitoring Has Been Accepted

Project Information (Incomplete)

Project ID	Name	Client	Project Manager
4328	Dantzic Street	RoC	Reece McGuinness

Weather Observations

Weather	Air Temp	Ground Surface	Wind
Overcast	15.0	Wet	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Multiparameter Meter / YSI Pro / SSL-CV-YSI-01	29/05/2025	[X] Yes

Location and Well Information

Installation information

Datum	Description	Offset (m)	Ref	Length (m)	Diameter (mm)	Material	Type	Well Depth (m)	Previous Water Depth (m)
Pipe Top	NA	0.7AGL	1		50	HDPE	Single	14.13	

Pre-Testing Remarks

Borehole accessible?	Padlock?	Bung?	Location Label?	Additional Remarks
Yes	Yes	Yes	Yes	

GPS Location

53° 29' 28.642" N 2° 14' 1.268" W

Recorded Time	Water Depth from Datum (m)
12:40:40	4.63

LNAPL and DNAPL

Free Phase Product Present?

<Select>

DNAPL and LNAPL

(X) No

() DNAPL

() LNAPL

Well Headspace

Well Headspace Reading
(PID/FID) (ppm)

Purging

Sampling Method

<Select>

Peristaltic

Bladder

Other

Method	Intake Depth (m)	Start time	End time	Duration	Volume (ltrs)	Discharged to	Cell Tubing
Low Flow	13.0	12:41:00	13:00:09	00:19:09	2.0	Ground	

Probe Readings

Units

Temp(°C)	Conductivity	DO (mg/l)	pH	ORP(mV)	Salinity	Turb	TDS	
	(X) uS/cm () mS/cm							

Probe Readings Table

Probe Readings

Time	Temp	Cond	D.O.	pH	ORP	Eh	DTW(m)
12:44:05	13.00	945.00	5.42	8.01	-0.80	212.30	4.64
12:47:22	12.90	935.00	1.26	8.01	-57.20	155.90	4.64
12:50:31	12.80	926.00	0.92	8.02	-71.30	141.80	4.64
12:53:13	12.80	921.00	0.83	8.02	-82.90	130.20	4.64
12:56:29	12.80	917.00	0.75	8.02	-85.80	127.30	4.64
12:59:08	12.70	911.00	0.69	8.03	-92.50	120.60	4.64

DTW(m) = Depth to Water, TDS = Total Dissolved Solids
The Green highlights denote the Stabilisation Criteria for Low Flow Sampling according to USEPA (EPA/504/S-95/504 April 1996) and RSK technical procedure TP210 (2020)

Post Test remarks

Colour	Odour	Visible oily sheen
Translucent	No	No

Samples

Samples Taken Table

Depth	Sample Ref	Sample Type	Containers used	Flow Rate
-------	------------	-------------	-----------------	-----------

13.00	LKBH01	EW	2 x Glass Bottle 1 Litre, 1 x Plastic Bottle 500ml, 1 x Vial	24.0
-------	--------	----	--	------

Sample Collection Time 13:13:52

Sample Notes Translucent greyish with black particles

Pictures

0 records

Completion record

BH Secured on Leaving? () <Select> (X) Yes () No

SSL Completion Confirmation by Author



Data Collected By

 Michael Lyskawa

Additional Email Distribution

External Email Distribution 0 records

Reviewer Sign Off

Reviewer Sign Off ()
(X) Accepted
() Rejected

Send to Data Processing () <Select>
() Yes
(X) No

Reviewer: Signature



Reviewer Name

 Radka Pandulova



**STRUCTURAL
SOILS LTD**

Groundwater Monitoring

Position ID: RBH203

Monitoring Date: 29 May 2025 15:10:19

Round: 1

Record ID: SSLGW07KH00050

Groundwater Monitoring Has Been Accepted

Project Information (Incomplete)

Project ID	Name	Client	Project Manager
4328	Dantzic Street	RoC	Reece McGuinness

Weather Observations

Weather	Air Temp	Ground Surface	Wind
Overcast	15.0	Wet	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Multiparameter Meter / YSI Pro / SSL-CV-YSI-01	29/05/2025	[X] Yes

Location and Well Information (Incomplete)

Installation information

Datum	Description	Offset (m)	Ref	Length (m)	Diameter (mm)	Material	Type	Well Depth (m)	Previous Water Depth (m)
Pipe Top	NA	100.0AGL	1			HDPE	Single	15.35	

Pre-Testing Remarks

Borehole accessible?	Padlock?	Bung?	Location Label?	Additional Remarks
Yes	Yes	Yes	<Select>	

GPS Location

53° 29' 28.648" N 2° 13' 59.838" W

Recorded Time	Water Depth from Datum (m)
15:09:43	6.66

LNAPL and DNAPL

Free Phase Product	LNAPL Top Depth (m)	LNAPL Base Depth (m)	LNAPL Thickness (m)	DNAPL Top Depth (m)
LNAPL	6.66	7.7	1.04	0.0

Well Headspace

Well Headspace Reading
(PID/FID) (ppm)

Purging

Sampling Method () <Select> (X) Peristaltic () Bladder () Other

Method	Intake Depth (m)	Start time	End time	Duration	Volume (ltrs)	Discharged to	Cell Tubing
Low Flow	14.0	15:17:59	15:33:42	00:15:43	2.5	Ground	

Probe Readings

Units

Temp(°C)	Conductivity	DO (mg/l)	pH	ORP(mV)	Salinity	Turb	TDS	
	(X) uS/cm () mS/cm							

Probe Readings Table

Probe Readings

Time	Temp	Cond	D.O.	pH	ORP	Eh	DTW(m)
15:20:19	13.10	978.00	3.73	7.57	-44.80	168.30	7.78
15:23:46	13.10	984.00	0.90	7.59	-71.90	141.20	7.91
15:26:06	13.10	984.00	0.85	7.6	-76.50	136.60	7.91
15:29:12	13.20	983.00	0.72	7.61	-77.60	135.50	7.91
15:32:34	13.20	981.00	0.98	7.62	-79.70	133.40	7.91

DTW(m) = Depth to Water, TDS = Total Dissolved Solids
The Green highlights denote the Stabilisation Criteria for Low Flow Sampling according to USEPA (EPA/504/S-95/504 April 1996) and RSK technical procedure TP210 (2020)

Post Test remarks

Colour	Odour	Visible oily sheen
Opaque	No	No

Samples

Samples Taken Table

Depth	Sample Ref	Sample Type	Containers used	Flow Rate
-------	------------	-------------	-----------------	-----------

14.00	RBH203	EW	2 x Glass Bottle 1 Litre, 1 x Plastic Bottle 500ml, 1 x Vial	23.0
-------	--------	----	--	------

Sample Collection Time	15:40:43
------------------------	----------

Sample Notes	There potentially a 1m of LNAPL of interface probe working well. Translucent brownish with black particles.
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Pictures

0 records

Completion record

BH Secured on Leaving?	() <Select>	(X) Yes	() No
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Author

Data Collected By

 Michael Lyskawa

Additional Email Distribution

External Email Distribution	0 records
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Reviewer Sign Off

Reviewer Sign Off	() (X) Accepted () Rejected
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Send to Data Processing	() <Select> () Yes (X) No
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Reviewer: Signature

Reviewer Name

 Radka Pandulova



Groundwater Monitoring

Position ID: RBH305

Monitoring Date: 29 May 2025 09:00:55

Round: 1

Record ID: SSLGW07KH00043

Groundwater Monitoring Has Been Accepted

Project Information (Incomplete)

Project ID	Name	Client	Project Manager
4328	Dantzic Street	RoC	Reece McGuinness

Weather Observations

Weather	Air Temp	Ground Surface	Wind
Overcast	11.0	Wet	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Multiparameter Meter / YSI Pro / SSL-CV-YSI-01	29/05/2025	[X] Yes

Location and Well Information

Installation information

Datum	Description	Offset (m)	Ref	Length (m)	Diameter (mm)	Material	Type	Well Depth (m)	Previous Water Depth (m)
Pipe Top	NA	0.57AGL	1		50	HDPE	Single	7.46	

Pre-Testing Remarks

Borehole accessible?	Padlock?	Bung?	Location Label?	Additional Remarks
Yes	Yes	Yes	Yes	

GPS Location

53° 29' 29.969" N 2° 13' 59.633" W

Recorded Time	Water Depth from Datum (m)
09:01:05	5.51

LNAPL and DNAPL

Free Phase Product Present?

<Select>

(X) No

() DNAPL

() LNAPL

<Select>

() DNAPL and LNAPL

Well Headspace

Well Headspace Reading
(PID/FID) (ppm)

Purging

Sampling Method

<Select>

(X) Peristaltic

() Bladder

() Other

Method	Intake Depth (m)	Start time	End time	Duration	Volume (ltrs)	Discharged to	Cell Tubing
Low Flow	7.0	09:01:15	09:19:53	00:18:38	2.0	Ground	

Probe Readings

Units

Temp(°C)	Conductivity	DO (mg/l)	pH	ORP(mV)	Salinity	Turb	TDS	
	(X) uS/cm () mS/cm							

Probe Readings Table

Probe Readings

Time	Temp	Cond	D.O.	pH	ORP	Eh	DTW(m)
09:04:37	12.00	1170.00	3.70	6.48	380.30	594.10	5.55
09:07:07	12.10	1118.00	3.96	6.6	362.00	575.80	5.58
09:10:02	12.00	1120.00	4.04	6.54	341.00	554.80	5.60
09:13:20	12.00	1122.00	4.09	6.60	332.00	545.80	5.62
09:16:27	12.00	1124.00	4.19	6.66	326.00	539.80	5.64
09:19:08	11.90	1127.00	4.24	6.70	322.10	535.90	5.66

DTW(m) = Depth to Water, TDS = Total Dissolved Solids
The Green highlights denote the Stabilisation Criteria for Low Flow Sampling according to USEPA (EPA/504/S-95/504 April 1996) and RSK technical procedure TP210 (2020)

Post Test remarks

Colour	Odour	Visible oily sheen
Translucent	No	No

Samples

Samples Taken Table

Depth	Sample Ref	Sample Type	Containers used	Flow Rate
-------	------------	-------------	-----------------	-----------

7.00	RBH305	EW	2 x Glass Bottle 1 Litre, 1 x Plastic Bottle 500ml, 1 x Vial	26.0
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Sample Collection Time 09:40:35

Sample Notes Translucent greyish brown

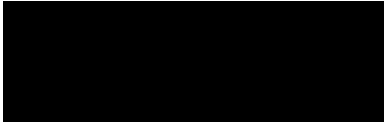
Pictures

0 records

Completion record

BH Secured on Leaving? () <Select> (X) Yes () No

SSL Completion Confirmation by Author



Data Collected By

 Michael Lyskawa

Additional Email Distribution

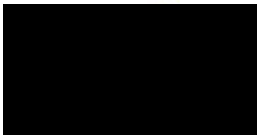
External Email Distribution 0 records

Reviewer Sign Off

Reviewer Sign Off ()
(X) Accepted
() Rejected

Send to Data Processing () <Select>
() Yes
(X) No

Reviewer: Signature



Reviewer Name

 Radka Pandulova



Groundwater Monitoring

Position ID: RBH501

Monitoring Date: 29 May 2025 14:04:03

Round: 1

Record ID: SSLGW072C00711

Groundwater Monitoring Has Been Accepted

Project Information (Incomplete)

Project ID	Name	Client	Project Manager
4328	Dantzic Street	RoC	Reece McGuinness

Weather Observations

Weather	Air Temp	Ground Surface	Wind
Cloudy	15.0	Damp	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Dip Tape 60m / In Situ / SSL-CV60-08	29/05/2025	[X] Yes
Smart Troll / In Situ / ST1	29/05/2025	[X] Yes

Location and Well Information (Incomplete)

Previous installation information

Datum	Description	Offset (m)	Ref	Length (m)	Diameter (mm)	Material	Type	Well Depth (m)	Previous Water Depth (m)
Pipe Top	NA	0.58AGL	1	13.6		HDPE	Single	13.6	6.41

Pre-Testing Remarks

Borehole accessible?	Padlock?	Bung?	Location Label?	Additional Remarks
Yes	No	No	Yes	

GPS Location

53° 29' 27.858" N 2° 13' 59.418" W

Recorded Time	Water Depth from Datum (m)
14:37:11	6.55

LNAPL and DNAPL

Free Phase Product Present?

() <Select>

() DNAPL and LNAPL

(X) No

() DNAPL

() LNAPL

Well Headspace

Well Headspace Reading
(PID/FID) (ppm)

Purging

Sampling Method

() <Select>

(X) Peristaltic

() Bladder

() Other

Method	Intake Depth (m)	Start time	End time	Duration	Volume (ltrs)	Discharged to	Cell Tubing
Low Flow	13.0	14:39:47	15:04:56	00:25:09	3.0	Ground	

Probe Readings

Units

Temp(°C)	Conductivity	DO (mg/l)	pH	ORP(mV)	Salinity	Turb	TDS	
	(X) uS/cm () mS/cm							

Probe Readings Table

Probe Readings

Time	Temp	Cond	D.O.	pH	ORP	Eh	DTW(m)
14:43:07	21.25	1144.00	5.29	7.13	156.50	355.09	6.55
14:46:01	15.74	996.80	0.55	6.86	37.70	240.54	6.55
14:49:02	15.26	996.31	0.40	6.82	-6.90	196.78	6.55
14:52:14	15.03	1003.00	0.34	6.79	-41.40	162.28	6.55
14:55:29	15.00	1002.70	0.31	6.78	-63.20	140.48	6.55
14:58:01	15.01	1003.90	0.29	6.76	-78.00	125.68	6.55
15:01:02	14.77	1001.20	0.28	6.76	-83.30	120.38	6.55
15:04:05	14.74	1003.50	0.27	6.75	-85.90	117.78	6.55

DTW(m) = Depth to Water, TDS = Total Dissolved Solids
The Green highlights denote the Stabilisation Criteria for Low Flow Sampling according to USEPA (EPA/504/S-95/504 April 1996) and RSK technical procedure TP210 (2020)

Post Test remarks

Colour	Odour	Visible oily sheen
Clear	No	No

Samples

Samples Taken Table

Depth	Sample Ref	Sample Type	Containers used	Flow Rate
13.00	RBH501	EW	2 x Glass Bottle 1 Litre, 1 x Plastic Bottle 500ml, 1 x Vial	20.0

Sample Collection Time15:33:04

Sample NotesNo sediment

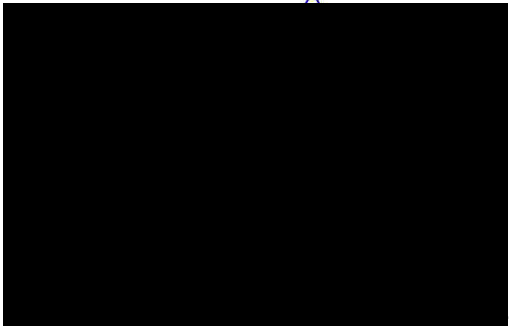
Pictures

0 records

Completion record

BH Secured on Leaving? () <Select> (X) Yes () No

SSL Completion Confirmation by Author



Data Collected By

 Philip Nicol

Additional Email Distribution

Internal Email Distribution

 Michael Lyskawa

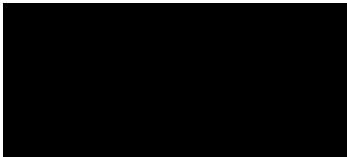
External Email Distribution0 records

Reviewer Sign Off

Reviewer Sign Off () (X) Accepted () Rejected

Send to Data Processing () <Select> () Yes (X) No

Reviewer: Signature



Reviewer Name

 Radka Pandulova



**STRUCTURAL
SOILS LTD**

Groundwater Monitoring

Position ID: RBH502

Monitoring Date: 29 May 2025 14:20:33

Round: 1

Record ID: SSLGW07KH00048

Groundwater Monitoring Has Been Accepted

Project Information (Incomplete)

Project ID	Name	Client	Project Manager
4328	Dantzic Street	RoC	Reece McGuinness

Weather Observations

Weather	Air Temp	Ground Surface	Wind
Overcast	15.0	Wet	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Multiparameter Meter / YSI Pro / SSL-CV-YSI-01	29/05/2025	[X] Yes

Location and Well Information (Incomplete)

Installation information

Datum	Description	Offset (m)	Ref	Length (m)	Diameter (mm)	Material	Type	Well Depth (m)	Previous Water Depth (m)
Pipe Top	Shallow	0.84AGL	2			HDPE	Double	16.76	

Pre-Testing Remarks

Borehole accessible?	Padlock?	Bung?	Location Label?	Additional Remarks
Yes	Yes	Yes	Yes	

GPS Location

53° 29' 28.104" N 2° 14' 0.771" W

Recorded Time	Water Depth from Datum (m)
14:18:03	6.62

LNAPL and DNAPL

Free Phase Product Present? () <Select> (X) No () DNAPL () LNAPL
() DNAPL and
LNAPL

Well Headspace

Well Headspace Reading
(PID/FID) (ppm)

Purging

Sampling Method () <Select> (X) Peristaltic () Bladder () Other

Method	Intake Depth (m)	Start time	End time	Duration	Volume (ltrs)	Discharged to	Cell Tubing
Low Flow	13.0	14:22:18	14:39:25	00:17:07	2.5	Ground	

Probe Readings

Units

Temp(°C)	Conductivity	DO (mg/l)	pH	ORP(mV)	Salinity	Turb	TDS	
	(X) uS/cm () mS/cm							

Probe Readings Table

Probe Readings

Time	Temp	Cond	D.O.	pH	ORP	Eh	DTW(m)
14:25:55	12.70	828.00	12.80	8.04	120.30	333.40	6.69
14:28:41	12.50	817.00	1.82	7.87	20.10	233.20	6.72
14:31:19	12.40	815.00	1.22	7.86	19.40	233.20	6.75
14:34:12	12.40	815.00	1.01	7.86	23.30	237.10	6.77
14:37:32	12.40	814.00	0.95	7.85	25.60	239.40	6.79

DTW(m) = Depth to Water, TDS = Total Dissolved Solids
The Green highlights denote the Stabilisation Criteria for Low Flow Sampling according to USEPA (EPA/504/S-95/504 April 1996) and RSK technical procedure TP210 (2020)

Post Test remarks

Colour	Odour	Visible oily sheen
Translucent	No	No

Samples

Samples Taken Table

Depth	Sample Ref	Sample Type	Containers used	Flow Rate
13.00	RBH502	EW	2 x Glass Bottle 1 Litre, 1 x Plastic Bottle 500ml, 1 x Vial	23.0

Sample Collection Time	14:50:57
Sample Notes	Translucent slightly greyish
Pictures	
0 records	

Completion record

BH Secured on Leaving?	☐ <Select>	☒ Yes	☐ No
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	Author
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Data Collected By	Michael Lyskawa
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Additional Email Distribution

External Email Distribution	0 records
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Reviewer Sign Off

Reviewer Sign Off	☐ ☒ Accepted ☐ Rejected
Send to Data Processing	☐ <Select> ☐ Yes ☒ No

Reviewer: Signature	
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Reviewer Name	Radka Pandulova
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Groundwater Monitoring

Position ID: RBH503

Monitoring Date: 29 May 2025 10:13:28

Round: 1

Record ID: SSLGW07KH00044

Groundwater Monitoring Has Been Accepted

Project Information (Incomplete)

Project ID	Name	Client	Project Manager
4328	Dantzic Street	RoC	Reece McGuinness

Weather Observations

Weather	Air Temp	Ground Surface	Wind
Overcast	11.0	Wet	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Multiparameter Meter / YSI Pro / SSL-CV-YSI-01	29/05/2025	[X] Yes

Location and Well Information

Installation information

Datum	Description	Offset (m)	Ref	Length (m)	Diameter (mm)	Material	Type	Well Depth (m)	Previous Water Depth (m)
Pipe Top	NA	0.16AGL	1		50	HDPE	Single	8.81	

Pre-Testing Remarks

Borehole accessible?	Padlock?	Bung?	Location Label?	Additional Remarks
Yes	Yes	Yes	Yes	

GPS Location

53° 29' 29.243" N 2° 14' 1.604" W

Recorded Time	Water Depth from Datum (m)
10:08:51	4.97

LNAPL and DNAPL

Free Phase Product Present?

<Select>

No

DNAPL

LNAPL

Well Headspace

Well Headspace Reading
(PID/FID) (ppm)

Purging

Sampling Method

<Select>

Peristaltic

Bladder

Other

Method	Intake Depth (m)	Start time	End time	Duration	Volume (ltrs)	Discharged to	Cell Tubing
Low Flow	8.0	10:13:04	10:26:50	00:13:46	2.0	Ground	

Probe Readings

Units

Temp(°C)	Conductivity	DO (mg/l)	pH	ORP(mV)	Salinity	Turb	TDS	
	(X) uS/cm () mS/cm							

Probe Readings Table

Probe Readings

Time	Temp	Cond	D.O.	pH	ORP	Eh	DTW(m)
10:15:35	11.70	1118.00	2.87	7.73	-56.60	157.20	5.05
10:18:19	11.60	1107.00	1.27	7.76	-79.40	134.40	5.10
10:21:17	11.70	1110.00	1.01	7.76	-84.20	129.60	5.12
10:23:43	11.60	1112.00	0.90	7.76	-89.50	124.30	5.13
10:26:56	11.60	1113.00	0.84	7.76	-92.20	121.60	5.14

DTW(m) = Depth to Water, TDS = Total Dissolved Solids
The Green highlights denote the Stabilisation Criteria for Low Flow Sampling according to USEPA (EPA/504/S-95/504 April 1996) and RSK technical procedure TP210 (2020)

Post Test remarks

Colour	Odour	Visible oily sheen
Translucent	No	No

Samples

Samples Taken Table

Depth	Sample Ref	Sample Type	Containers used	Flow Rate
8.00	RBH503	EW	2 x Glass Bottle 1 Litre, 1 x Plastic Bottle 500ml, 1 x Vial	26.0

Sample Collection Time	10:42:39
Sample Notes	Translucent greyish

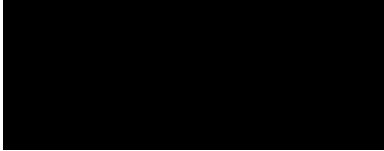
Pictures

0 records

Completion record

BH Secured on Leaving?	☐ <Select>	☒ Yes	☐ No
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Author



 Michael Lyskawa

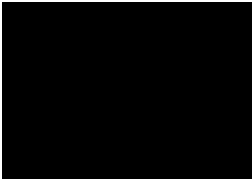
Additional Email Distribution

External Email Distribution	0 records
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Reviewer Sign Off

Reviewer Sign Off	☐	☒ Accepted	☐ Rejected
Send to Data Processing	☐ <Select>	☐ Yes	☒ No

Reviewer: Signature



Reviewer Name

 Radka Pandulova



Groundwater Monitoring

Position ID: RBH504

Monitoring Date: 29 May 2025 13:38:15

Round: 1

Record ID: SSLGW072C00710

Groundwater Monitoring Has Been Accepted

Project Information (Incomplete)

Project ID	Name	Client	Project Manager
4328	Dantzic Street	RoC	Reece McGuinness

Weather Observations

Weather	Air Temp	Ground Surface	Wind
Cloudy	16.0	Damp	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Dip Tape 60m / In Situ / SSL-CV60-08	29/05/2025	[X] Yes
Smart Troll / In Situ / ST1	29/05/2025	[X] Yes

Location and Well Information (Incomplete)

Previous installation information

Datum	Description	Offset (m)	Ref	Length (m)	Diameter (mm)	Material	Type	Well Depth (m)	Previous Water Depth (m)
Pipe Top	NA	0.63AGL	1	9.21		HDPE	Single	9.21	5.12

Pre-Testing Remarks

Borehole accessible?	Padlock?	Bung?	Location Label?	Additional Remarks
Yes	No	No	Yes	

GPS Location

53° 29' 28.428" N 2° 13' 58.302" W

Recorded Time	Water Depth from Datum (m)
13:53:03	5.34

LNAPL and DNAPL

Free Phase Product Present?

<Select>

DNAPL and LNAPL

No

DNAPL

LNAPL

Well Headspace

Well Headspace Reading
(PID/FID) (ppm)

Purging

Sampling Method

<Select>

Peristaltic

Bladder

Other

Method	Intake Depth (m)	Start time	End time	Duration	Volume (ltrs)	Discharged to	Cell Tubing
Low Flow	8.0	13:59:21	14:14:38	00:15:17	2.5	Ground	

Probe Readings

Units

Temp(°C)	Conductivity	DO (mg/l)	pH	ORP(mV)	Salinity	Turb	TDS	
	(X) uS/cm () mS/cm							

Probe Readings Table

Probe Readings

Time	Temp	Cond	D.O.	pH	ORP	Eh	DTW(m)
14:01:54	15.94	1360.20	5.13	7.55	177.60	380.44	5.34
14:05:35	14.05	1328.10	3.85	6.65	193.60	398.12	5.34
14:08:01	13.66	1322.80	3.79	6.61	196.80	401.32	5.34
14:11:01	13.37	1319.40	3.80	6.58	200.80	406.15	5.34
14:14:02	13.36	1318.20	3.78	6.55	202.00	407.35	5.34

DTW(m) = Depth to Water, TDS = Total Dissolved Solids
The Green highlights denote the Stabilisation Criteria for Low Flow Sampling according to USEPA (EPA/504/S-95/504 April 1996) and RSK technical procedure TP210 (2020)

Post Test remarks

Colour	Odour	Visible oily sheen
Translucent	No	No

Samples

Samples Taken Table

Depth	Sample Ref	Sample Type	Containers used	Flow Rate
8.00	RBH504	EW	2 x Glass Bottle 1 Litre, 1 x Plastic Bottle 500ml, 1 x Vial	

Sample Collection Time 14:31:50

Sample Notes Some sediment. Light brown

Pictures

0 records

Completion record

BH Secured on Leaving? () <Select> (X) Yes () No

SSL Completion Confirmation by Author

Data Collected By

 Philip Nicol

Additional Email Distribution

Internal Email Distribution

 Michael Lyskawa

External Email Distribution 0 records

Reviewer Sign Off

Reviewer Sign Off ()
(X) Accepted
() Rejected

Send to Data Processing () <Select>
() Yes
(X) No

Reviewer: Signature

 Radka Pandulova



Groundwater Monitoring

Position ID: RBH505

Monitoring Date: 29 May 2025 11:01:10

Round: 1

Record ID: SSLGW07KH00045

Groundwater Monitoring Has Been Accepted

Project Information (Incomplete)

Project ID	Name	Client	Project Manager
4328	Dantzic Street	RoC	Reece McGuinness

Weather Observations

Weather	Air Temp	Ground Surface	Wind
Overcast	11.0	Wet	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Multiparameter Meter / YSI Pro / SSL-CV-YSI-01	29/05/2025	[X] Yes

Location and Well Information (Incomplete)

Installation information

Datum	Description	Offset (m)	Ref	Length (m)	Diameter (mm)	Material	Type	Well Depth (m)	Previous Water Depth (m)
GL	Shallow	0.1AGL	2			HDPE	Double	11.42	

Pre-Testing Remarks

Borehole accessible?	Padlock?	Bung?	Location Label?	Additional Remarks
Yes	Yes	Yes	Yes	

GPS Location

53° 29' 29.219" N 2° 14' 2.383" W

Recorded Time	Water Depth from Datum (m)
11:01:45	4.6

LNAPL and DNAPL

Free Phase Product Present?

<Select>

DNAPL and LNAPL

(X) No

() DNAPL

() LNAPL

Well Headspace

Well Headspace Reading
(PID/FID) (ppm)

Purging

Sampling Method

<Select>

Peristaltic

Bladder

Other

Method	Intake Depth (m)	Start time	End time	Duration	Volume (ltrs)	Discharged to	Cell Tubing
Low Flow	10.0	11:08:41	11:29:45	00:21:04			

Probe Readings

Units

Temp(°C)	Conductivity	DO (mg/l)	pH	ORP(mV)	Salinity	Turb	TDS	
	(X) uS/cm () mS/cm							

Probe Readings Table

Probe Readings

Time	Temp	Cond	D.O.	pH	ORP	Eh	DTW(m)
11:11:24	12.30	1156.00	1.95	7.71	-35.60	178.20	4.63
11:14:19	12.30	1157.00	1.17	7.71	-53.30	160.50	4.63
11:17:08	12.30	1155.00	0.91	7.72	-59.90	153.90	4.63
11:20:25	12.20	1154.00	0.72	7.73	-64.30	149.50	4.63
11:23:36	12.30	1157.00	0.63	7.73	-73.30	140.50	4.63
11:26:09	12.30	1155.00	0.60	7.74	-75.60	138.20	4.63
11:29:12	12.40	1154.00	0.54	7.74	-78.60	135.20	4.63

DTW(m) = Depth to Water, TDS = Total Dissolved Solids
The Green highlights denote the Stabilisation Criteria for Low Flow Sampling according to USEPA (EPA/504/S-95/504 April 1996) and RSK technical procedure TP210 (2020)

Post Test remarks

Colour	Odour	Visible oily sheen
Translucent	No	No

Samples

Samples Taken Table

Sample	Sample	
--------	--------	--

Depth	Ref	Type	Containers used	Flow Rate
10.00	RBH505	EW	2 x Glass Bottle 1 Litre, 1 x Plastic Bottle 500ml, 1 x Vial	24.0

Sample Collection Time 11:44:04

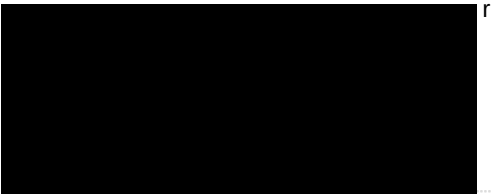
Sample Notes Translucent greyish

Pictures

0 records

Completion record

BH Secured on Leaving? () <Select> (X) Yes () No



Data Collected By

 Michael Lyskawa

Additional Email Distribution

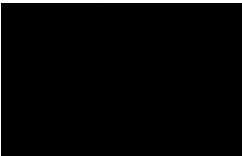
External Email Distribution 0 records

Reviewer Sign Off

Reviewer Sign Off ()
(X) Accepted
() Rejected

Send to Data Processing () <Select>
() Yes
(X) No

Reviewer: Signature



Reviewer Name

 Radka Pandulova



STRUCTURAL
SOILS LTD

Groundwater Monitoring

Position ID: RBH505;RBH502

Monitoring Date: 29 May 2025 13:47:00

Round: 1

Record ID: SSLGW07KH00046

Groundwater Monitoring Has Been Accepted

Project Information (Incomplete)

Project ID	Name	Client	Project Manager
4328	Dantzic Street	ROC	

Weather Observations

Weather	Air Temp	Ground Surface	Wind
overcast	11.0	Wet	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Interface Meter 30m / Heron / SSL COV IM2	29/05/2025	[X] Yes

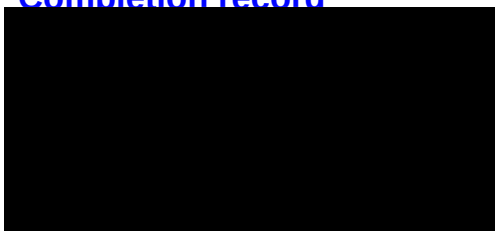
Dips Only

Position ID	Time	Pipe Diameter	Pipe Ref	Pipe Desc	Datum	Offset to GL	Water Depth (m)	Dry	Well Depth (m)	Comments	BHSecure
RBH505	13:48:05	25	1	Deep	Top of Pipe	0.10	4.28	[]	14.31		Yes
RBH502	15:00:44	25	1	Deep	Top of Pipe	0.90	6.47	[]	19.11		Yes

Pictures

0 records

Completion record



Data Collected By

Michael Lyskawa

Additional Email Distribution

External Email Distribution

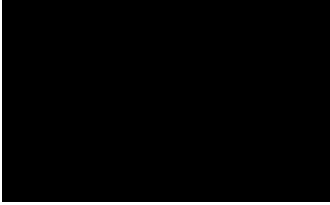
0 records

Reviewer Sign Off

Reviewer Sign Off
☐ ()
☒ (X) Accepted
☐ () Rejected

Send to Data Processing () <Select>
 () Yes
 (X) No

Reviewer: Signature



Reviewer Name



Radka Pandulova



**STRUCTURAL
SOILS LTD**

Groundwater Monitoring

Position ID: LKBH01

Monitoring Date: 24 Jun 2025 11:58:52

Round: 2

Record ID: SSLGW07KH00096

Groundwater Monitoring Has Been Accepted

Project Information

Project ID	Name	Client	Project Manager
4328	Dantzie Street	ROC	Reece McGuinness

Weather Observations

Weather	Air Temp	Ground Surface	Wind
Raining	15.0	Wet	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Multiparameter Meter / YSI Pro / SSL-CV-YSI-01	24/06/2025	[X] Yes

Location and Well Information

Installation information

Datum	Description	Offset (m)	Ref	Length (m)	Diameter (mm)	Material	Type	Well Depth (m)	Previous Water Depth (m)
Pipe Top	NA	0.7AGL	1		50	HDPE	Single	14.13	

Pre-Testing Remarks

Borehole accessible?	Padlock?	Bung?	Location Label?	Additional Remarks
Yes	No	Yes	Yes	

GPS Location

53° 29' 29.755" N 2° 14' 1.816" W

Recorded Time	Water Depth from Datum (m)
11:58:30	4.64

LNAPL and DNAPL

Well Headspace Reading
(PID/FID) (ppm)

Sampling Method () <Select> (X) Peristaltic () Bladder () Other

Method	Intake Depth (m)	Start time	End time	Duration	Volume (ltrs)	Discharged to	Cell Tubing
Low Flow	13.0	11:59:47	12:18:51	00:19:04	3.0	Ground	

Units

Temp(°C)	Conductivity	DO (mg/l)	pH	ORP(mV)	Salinity	Turb	TDS	
	(X) uS/cm () mS/cm							

Probe Readings Table

Probe Readings

Time	Temp	Cond	D.O.	pH	ORP	Eh	DTW(m)	Remarks
12:01:10	13.00	902.00	3.90	8.2	198.80	411.90	4.64	
12:04:13	13.00	875.00	1.51	8.18	28.70	241.80	4.64	
12:07:39	13.00	895.00	0.71	8.2	-52.90	160.20	4.64	
12:10:55	12.90	944.00	0.68	8.22	-69.60	143.50	4.64	
12:14:16	12.90	920.00	0.56	8.22	-75.70	137.40	4.64	
12:17:47	12.90	901.00	0.50	8.22	-82.30	130.80	4.64	
12:18:18	12.90	897.00	0.47	8.23	-85.30	127.80	4.64	

DTW(m) = Depth to Water, TDS = Total Dissolved Solids
The Green highlights denote the Stabilisation Criteria for Low Flow Sampling according to USEPA (EPA/504/S-95/504 April 1996) and RSK technical procedure TP210 (2020)

Post Test remarks

Colour	Odour	Visible oily sheen
Translucent	No	No

Samples Taken Table

Depth	Sample Ref	Sample Type	Containers used	Flow Rate
13.00	LKBH01	EW	2 x Glass Bottle 1 Litre, 1 x Plastic Bottle 500ml, 1 x Vial	20.0

Sample Collection Time	12:30:10
Sample Notes	Translucent greyish with black particles
Pictures	
0 records	

Completion record

BH Secured on Leaving?	☐ <Select>	☒ Yes	☐ No
SSL Completion Confirmation by Author			
Michael Lyskawa			

Additional Email Distribution

External Email Distribution	0 records
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Reviewer Sign Off

Reviewer Sign Off	☐ ☒ Accepted ☐ Rejected
Send to Data Processing	☐ <Select> ☐ Yes ☒ No
Reviewer: Signature	
Reviewer Name	
Radka Pandulova	



**STRUCTURAL
SOILS LTD**

Groundwater Monitoring

Position ID: RBH203

Monitoring Date: 25 Jun 2025 09:34:28

Round: 2

Record ID: SSLGW07KH00104

Groundwater Monitoring Has Been Accepted

Project Information

Project ID	Name	Client	Project Manager
4328	Dantzie Street	ROC	Reece McGuinness

Weather Observations

Weather	Air Temp	Ground Surface	Wind
Raining	17.0	Wet	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Multiparameter Meter / YSI Pro / SSL-CV-YSI-01	25/06/2025	[X] Yes

Location and Well Information

Installation information

Datum	Description	Offset (m)	Ref	Length (m)	Diameter (mm)	Material	Type	Well Depth (m)	Previous Water Depth (m)
Pipe Top	NA	1.0AGL	1		50	HDPE	Single	15.33	

Pre-Testing Remarks

Borehole accessible?	Padlock?	Bung?	Location Label?	Additional Remarks
Yes	No	No	Yes	

GPS Location

53° 29' 28.523" N 2° 14' 3.187" W

Recorded Time	Water Depth from Datum (m)
09:35:25	7.72

LNAPL and DNAPL

Free Phase Product	LNAPL Top Depth (m)	LNAPL Base Depth (m)	LNAPL Thickness (m)	DNAPL Top Depth (m)
LNAPL	6.68	7.72	1.04	0.0

Well Headspace Reading
(PID/FID) (ppm)

Purging

Sampling Method () <Select> (X) Peristaltic () Bladder () Other

Method	Intake Depth (m)	Start time	End time	Duration	Volume (ltrs)	Discharged to	Cell Tubing
Low Flow	14.0	09:54:05	10:12:20	00:18:15			

Probe Readings

Units

Temp(°C)	Conductivity	DO (mg/l)	pH	ORP(mV)	Salinity	Turb	TDS	
	(X) uS/cm () mS/cm							

Probe Readings Table

Probe Readings

Time	Temp	Cond	D.O.	pH	ORP	Eh	DTW(m)	Remarks
09:56:17	12.40	978.00	1.60	7.81	-46.40	167.40	7.73	
09:59:27	12.40	984.00	0.62	7.84	-79.80	134.00	7.73	
10:02:43	12.40	986.00	0.59	7.85	-85.20	128.60	7.73	
10:05:55	12.40	989.00	0.54	7.86	-96.90	116.90	7.73	
10:08:05	12.40	987.00	0.41	7.86	-101.90	111.90	7.73	
10:11:27	12.40	990.00	0.38	7.86	-105.40	108.40	7.73	

DTW(m) = Depth to Water, TDS = Total Dissolved Solids
 The Green highlights denote the Stabilisation Criteria for Low Flow Sampling according to USEPA (EPA/504/S-95/504 April 1996) and RSK technical procedure TP210 (2020)

Post Test remarks

Colour	Odour	If Yes to Odour	Visible oily sheen
Translucent	Yes	Unable to determine	No

Samples

Samples Taken Table

Depth	Sample Ref	Sample Type	Containers used	Flow Rate
14.00	RBH203	EW	2 x Glass Bottle 1 Litre, 1 x Plastic Bottle 500ml, 1 x Vial	

Sample Collection Time 10:21:29

Sample Notes Translucent greyish with undefined odour. Might be affected by remediation works.

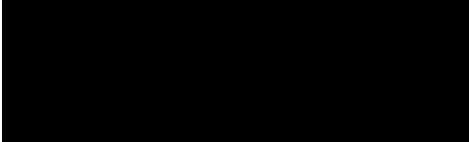
Pictures

0 records

Completion record

BH Secured on Leaving? () <Select> (X) Yes () No

SSL Completion Confirmation by Author



Data Collected By

 Michael Lyskawa

Additional Email Distribution

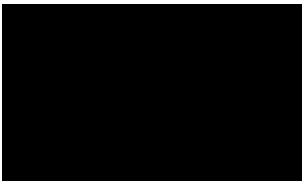
External Email Distribution 0 records

Reviewer Sign Off

Reviewer Sign Off ()
(X) Accepted
() Rejected

Send to Data Processing () <Select>
() Yes
(X) No

Reviewer: Signature



Reviewer Name

 Radka Pandulova



**STRUCTURAL
SOILS LTD**

Groundwater Monitoring

Position ID: RBH305

Monitoring Date: 24 Jun 2025 09:00:23

Round: 24.06.2025

Record ID: SSLGW07KH00093

Groundwater Monitoring Has Been Accepted

Project Information

Project ID	Name	Client	Project Manager
4328	Dantzic Street	ROC	Reece McGuinness

Weather Observations

Weather	Air Temp	Ground Surface	Wind
Raining	15.0	Wet	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Multiparameter Meter / YSI Pro / SSL-CV-YSI-01	24/06/2025	[X] Yes

Location and Well Information

Installation information

Datum	Description	Offset (m)	Ref	Length (m)	Diameter (mm)	Material	Type	Well Depth (m)	Previous Water Depth (m)
Pipe Top	NA	0.61AGL	1		50	HDPE	Single	7.43	

Pre-Testing Remarks

Borehole accessible?	Padlock?	Bung?	Location Label?	Additional Remarks
Yes	Yes	Yes	Yes	

GPS Location

53° 29' 30.167" N 2° 13' 59.332" W

Recorded Time	Water Depth from Datum (m)
08:57:17	5.58

LNAPL and DNAPL

Free Phase Product Present?

<Select>

(X) No

() DNAPL

() LNAPL

<Select>

() DNAPL and LNAPL

Well Headspace Reading

(PID/FID) (ppm)

Purging

Sampling Method

<Select>

(X) Peristaltic

() Bladder

() Other

Method	Intake Depth (m)	Start time	End time	Duration	Volume (ltrs)	Discharged to	Cell Tubing
Low Flow	7.0	09:00:30	09:17:37	00:17:07	2.2	Ground	

Probe Readings

Units

Temp(°C)	Conductivity	DO (mg/l)	pH	ORP(mV)	Salinity	Turb	TDS	
	(X) uS/cm () mS/cm							

Probe Readings Table

Probe Readings

Time	Temp	Cond	D.O.	pH	ORP	Eh	DTW(m)	Remarks
09:02:54	12.70	1033.00	7.33	7.89	362.20	575.30	5.62	
09:05:52	12.60	1168.00	4.59	7.88	360.90	574.00	5.64	
09:08:49	12.70	1172.00	4.11	7.89	360.30	573.40	5.65	
09:11:55	12.50	1191.00	3.73	7.9	358.80	571.90	5.66	
09:14:06	12.50	1192.00	3.51	7.9	358.20	571.30	5.66	
09:17:17	12.50	1193.00	3.45	7.9	358.00	571.10	5.67	

DTW(m) = Depth to Water, TDS = Total Dissolved Solids
The Green highlights denote the Stabilisation Criteria for Low Flow Sampling according to USEPA (EPA/504/S-95/504 April 1996) and RSK technical procedure TP210 (2020)

Post Test remarks

Colour	Odour	Visible oily sheen
Translucent	No	No

Samples

Samples Taken Table

Depth	Sample Ref	Sample Type	Containers used	Flow Rate
7.00	RBH305	EW	2 x Glass Bottle 1 Litre, 1 x Plastic Bottle 500ml, 1 x Vial	22.0

Sample Collection Time09:28:31

Translucent yellowish orange

0 records

Completion record

() No

Michael Lyskawa

Additional Email Distribution

0 records

Reviewer Sign Off

Send to Data Processing () Yes
(X) No

 Radka Pandulova



STRUCTURAL
SOILS LTD

Groundwater Monitoring

Position ID: RBH501

Monitoring Date: 25 Jun 2025 10:34:17

Round: 2

Record ID: SSLGW07KH00105

Groundwater Monitoring Has Been Accepted

Project Information

Project ID	Name	Client	Project Manager
4328	Dantzic Street	ROC	Reece McGuinness

Weather Observations

Weather	Air Temp	Ground Surface	Wind
Raining	17.0	Wet	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Multiparameter Meter / YSI Pro / SSL-CV-YSI-01	25/06/2025	[X] Yes

Location and Well Information

Installation information

Datum	Description	Offset (m)	Ref	Length (m)	Diameter (mm)	Material	Type	Well Depth (m)	Previous Water Depth (m)
Pipe Top	NA	0.58AGL	1		50	HDPE	Single	13.51	

Pre-Testing Remarks

Borehole accessible?	Padlock?	Bung?	Location Label?	Additional Remarks
Yes	No	No	Yes	

GPS Location

53° 29' 28.096" N 2° 13' 59.429" W

Recorded Time	Water Depth from Datum (m)
10:33:43	6.61

LNAPL and DNAPL

Free Phase Product Present? () <Select> (X) No () DNAPL () LNAPL

() DNAPL and LNAPL

Well Headspace Reading
(PID/FID) (ppm)

Purging

Sampling Method () <Select> (X) Peristaltic () Bladder () Other

Method	Intake Depth (m)	Start time	End time	Duration	Volume (ltrs)	Discharged to	Cell Tubing
Low Flow	13.0	10:34:56	10:47:59	00:13:03	3.0	Ground	

Probe Readings

Units

Temp(°C)	Conductivity	DO (mg/l)	pH	ORP(mV)	Salinity	Turb	TDS	
	(X) uS/cm () mS/cm							

Probe Readings Table

Probe Readings

Time	Temp	Cond	D.O.	pH	ORP	Eh	DTW(m)	Remarks
10:36:02	12.80	852.00	5.06	7.89	222.40	435.50	6.62	
10:38:58	12.70	854.00	2.05	7.93	54.40	267.50	6.63	
10:41:48	12.80	856.00	1.00	7.96	-39.00	174.10	6.64	
10:44:16	12.70	855.00	0.77	7.97	-54.70	158.40	6.65	
10:47:02	12.70	854.00	0.67	7.97	-61.40	151.70	6.66	
10:50:12	12.70	853.00	0.65	7.97	-65.90	147.20	6.67	
10:53:48	12.70	852.00	0.63	7.97	-70.10	143.00	6.68	

DTW(m) = Depth to Water, TDS = Total Dissolved Solids
The Green highlights denote the Stabilisation Criteria for Low Flow Sampling according to USEPA (EPA/504/S-95/504 April 1996) and RSK technical procedure TP210 (2020)

Post Test remarks

Colour	Odour	If Yes to Odour	Visible oily sheen
<Select>	Yes	Unable to determine	No

Samples

Samples Taken Table

Depth	Sample Ref	Sample Type	Containers used	Flow Rate
13.00	RBH501	EW	2 x Glass Bottle 1 Litre, 1 x Plastic Bottle 500ml, 1 x Vial	20.0

Sample Collection Time	10:53:39
Sample Notes	Translucent greyish

Pictures

0 records

Completion record

BH Secured on Leaving?	☐ <Select>	☒ Yes	☐ No
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Additional Email Distribution

External Email Distribution	0 records
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Reviewer Sign Off

Reviewer Sign Off	☐
	☒ Accepted
	☐ Rejected
	☐ <Select>
Send to Data Processing	☐ Yes
	☒ No

Reviewer: Signature



Reviewer Name
Radka Pandulova



STRUCTURAL
SOILS LTD

Groundwater Monitoring

Position ID: RBH502

Monitoring Date: 25 Jun 2025 08:30:06

Round: 2

Record ID: SSLGW07KH00098

Groundwater Monitoring Has Been Accepted

Project Information

Project ID	Name	Client	Project Manager
4328	Dantzic Street	ROC	Reece McGuinness

Weather Observations

Weather	Air Temp	Ground Surface	Wind
Raining	17.0	Wet	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Multiparameter Meter / YSI Pro / SSL-CV-YSI-01	25/06/2025	[X] Yes

Installation information

Datum	Description	Offset (m)	Ref	Length (m)	Diameter (mm)	Material	Type	Well Depth (m)	Previous Water Depth (m)
Pipe Top	Shallow		2		50	HDPE	Double	16.74	

Pre-Testing Remarks

Borehole accessible?	Padlock?	Bung?	Location Label?	Additional Remarks
Yes	No	No	Yes	

GPS Location 53° 29' 28.168" N 2° 14' 1.01" W

Recorded Time	Water Depth from Datum (m)
08:27:49	6.58

LNAPL and DNAPL

Free Phase Product Present? () <Select> (X) No () DNAPL () LNAPL
() DNAPL and

Well Headspace Reading
(PID/FID) (ppm)

Purging

Sampling Method () <Select> (X) Peristaltic () Bladder () Other

Method	Intake Depth (m)	Start time	End time	Duration	Volume (ltrs)	Discharged to	Cell Tubing
Low Flow	13.0	08:30:04	08:49:13	00:19:09	3.0	Ground	

Probe Readings

Units

Temp(°C)	Conductivity	DO (mg/l)	pH	ORP(mV)	Salinity	Turb	TDS	
	(X) uS/cm () mS/cm							

Probe Readings Table

Probe Readings

Time	Temp	Cond	D.O.	pH	ORP	Eh	DTW(m)	Remarks
08:31:17	12.60	817.00	4.51	8.05	322.70	535.80	6.63	
08:34:28	12.50	814.00	1.45	7.96	263.50	476.60	6.68	
08:37:50	12.50	814.00	1.03	7.95	243.60	456.70	6.70	
08:40:50	12.40	814.00	0.80	7.95	185.40	399.20	6.71	
08:43:53	12.40	814.00	0.71	7.95	179.20	393.00	6.72	
08:46:48	12.30	814.00	0.62	7.95	174.00	387.80	6.72	
08:49:12	12.30	814.00	0.56	7.95	170.80	384.60	6.72	

DTW(m) = Depth to Water, TDS = Total Dissolved Solids

The Green highlights denote the Stabilisation Criteria for Low Flow Sampling according to USEPA (EPA/504/S-95/504 April 1996) and RSK technical procedure TP210 (2020)

Post Test remarks

Colour	Odour	Visible oily sheen
Clear	No	No

Samples

Samples Taken Table

Depth	Sample Ref	Sample Type	Containers used	Flow Rate
13.00	RBH502	EW	2 x Glass Bottle 1 Litre, 1 x Plastic Bottle 500ml, 1 x Vial	20.0

Sample Collection Time 09:00:33

Sample Notes

Clear

Pictures

0 records

Completion record

BH Secured on Leaving?

() <Select>

(X) Yes

() No

SSL Completion Confirmation by Author



 Michael Lyskawa

Additional Email Distribution

External Email Distribution

0 records

Reviewer Sign Off

Reviewer Sign Off

()

(X) Accepted

() Rejected

Send to Data Processing

() <Select>

() Yes

(X) No

Reviewer: Signature



Reviewer Name

 Radka Pandulova



STRUCTURAL
SOILS LTD

Groundwater Monitoring

Position ID: RBH502;RBH505

Monitoring Date: 25 Jun 2025 08:58:09

Round: 2

Record ID: SSLGW07KH00099

Groundwater Monitoring Has Been Accepted

Project Information

Project ID	Name	Client	Project Manager
4328	Dantzic Street	ROC	Reece McGuinness

Weather Observations

Weather	Air Temp	Ground Surface	Wind
Raining	17.0	Wet	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Interface Meter 30m / Geotech - Interface Meter / SSL-COV-IM9	25/06/2025	[X] Yes

Dips Only

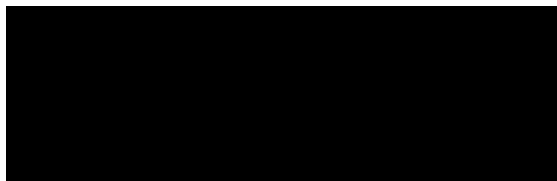
Position ID	Time	Pipe Diameter	Pipe Ref	Pipe Desc	Datum	Offset to GL	Water Depth (m)	Dry	Well Depth (m)	Comments	BHSecure
RBH502	08:59:59	25	1	Deep	Top of Pipe	0.90	6.52	[]	19.10		Yes
RBH505	08:59:59	25	1	Deep	Top of Pipe	0.10	4.31	[]	14.31		Yes

Pictures

0 records

Completion record

SSL Completion Confirmation by Author



Data Collected By

 Michael Lyskawa

Additional Email Distribution

External Email Distribution 0 records

Reviewer Sign Off

Reviewer Sign Off ☐
 ☒ Accepted
 ☐ Rejected

Send to Data Processing ☐ <Select>
 ☐ Yes
 ☒ No

Reviewer: Signature



R

 Radka Pandulova



**STRUCTURAL
SOILS LTD**

Groundwater Monitoring

Position ID: RBH503

Monitoring Date: 24 Jun 2025 10:10:20

Round: 2

Record ID: SSLGW07KH00094

Groundwater Monitoring Has Been Accepted

Project Information

Project ID	Name	Client	Project Manager
4328	Dantzic Street	ROC	Reece McGuinness

Weather Observations

Weather	Air Temp	Ground Surface	Wind
Raining	15.0	Wet	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Multiparameter Meter / YSI Pro / SSL-CV-YSI-01	24/06/2025	[X] Yes

Location and Well Information

Installation information

Datum	Description	Offset (m)	Ref	Length (m)	Diameter (mm)	Material	Type	Well Depth (m)	Previous Water Depth (m)
Pipe Top	NA	0.19AGL	1		50	HDPE	Single	8.81	

Pre-Testing Remarks

Borehole accessible?	Padlock?	Bung?	Location Label?	Additional Remarks
Yes	No	No	Yes	

GPS Location

53° 29' 29.872" N 2° 14' 0.885" W

Recorded Time	Water Depth from Datum (m)
10:05:16	4.98

LNAPL and DNAPL

Free Phase Product Present?

<Select>DNAPL and LNAPL

(X)

No

DNAPL

LNAPL

Well Headspace Reading

(PID/FID) (ppm)

Purging

Sampling Method

<Select>

(X)

Peristaltic

Bladder

Other

Method	Intake Depth (m)	Start time	End time	Duration	Volume (ltrs)	Discharged to	Cell Tubing
Low Flow	8.0	10:10:28	10:28:36	00:18:08	2.3	Ground	

Probe Readings

Units

Temp(°C)	Conductivity	DO (mg/l)	pH	ORP(mV)	Salinity	Turb	TDS	
	(X) uS/cm mS/cm							

Probe Readings Table

Probe Readings

Time	Temp	Cond	D.O.	pH	ORP	Eh	DTW(m)	Remarks
10:13:28	12.50	1119.00	6.35	7.81	70.70	283.80	5.05	
10:16:49	12.20	1121.00	1.42	7.89	-62.50	151.30	5.07	
10:19:53	12.20	1117.00	0.97	7.91	-77.30	136.50	5.09	
10:22:10	12.20	1114.00	0.80	7.91	-86.90	126.90	5.12	
10:25:48	12.20	1111.00	0.72	7.91	-91.20	122.60	5.14	
10:28:27	12.10	1104.00	0.65	7.91	-95.80	118.00	5.16	

DTW(m) = Depth to Water, TDS = Total Dissolved Solids

The Green highlights denote the Stabilisation Criteria for Low Flow Sampling according to USEPA (EPA/504/S-95/504 April 1996) and RSK technical procedure TP210 (2020)

Post Test remarks

Colour	Odour	Visible oily sheen
Translucent	No	No

Samples

Samples Taken Table

Depth	Sample Ref	Sample Type	Containers used	Flow Rate
8.00	RBH503	EW	2 x Glass Bottle 1 Litre, 1 x Plastic Bottle 500ml, 1 x Vial	21.0

Sample Collection Time

10:40:30

Pictures

0 records

Completion record

BH Secured on Leaving?

() <Select>

(X) Yes

() No

SSL Completion Confirmation by Author



 Michael Lyskawa

Additional Email Distribution

External Email Distribution

0 records

Reviewer Sign Off

Reviewer Sign Off

()

(X) Accepted

() Rejected

Send to Data Processing

() <Select>

() Yes

(X) No

Reviewer: Signature



Reviewer Name

 Radka Pandulova



STRUCTURAL
SOILS LTD

Groundwater Monitoring

Position ID: RBH504

Monitoring Date: 24 Jun 2025 13:06:31

Round: 2

Record ID: SSLGW07KH00097

Groundwater Monitoring Has Been Accepted

Project Information

Project ID	Name	Client	Project Manager
4328	Dantzic Street	ROC	Reece McGuinness

Weather Observations

Weather	Air Temp	Ground Surface	Wind
Raining	15.0	Wet	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Multiparameter Meter / YSI Pro / SSL-CV-YSI-01	24/06/2025	[X] Yes

Location and Well Information

Installation information

Datum	Description	Offset (m)	Ref	Length (m)	Diameter (mm)	Material	Type	Well Depth (m)	Previous Water Depth (m)
Pipe Top	NA	0.63AGL	1		50	HDPE	Single	9.2	

Pre-Testing Remarks

Borehole accessible?	Padlock?	Bung?	Location Label?	Additional Remarks
Yes	No	Yes	<Select>	

GPS Location

53° 29' 28.864" N 2° 13' 58.383" W

Recorded Time	Water Depth from Datum (m)
13:05:38	5.33

LNAPL and DNAPL

Free Phase Product Present? () <Select> (X) No () DNAPL () LNAPL

() DNAPL and LNAPL

Well Headspace Reading

(PID/FID) (ppm)

Purging

Sampling Method () <Select> (X) Peristaltic () Bladder () Other

Method	Intake Depth (m)	Start time	End time	Duration	Volume (ltrs)	Discharged to	Cell Tubing
Low Flow	8.0	13:08:51	13:27:54	00:19:03	3.0	Ground	

Probe Readings

Units

Temp(°C)	Conductivity	DO (mg/l)	pH	ORP(mV)	Salinity	Turb	TDS	
	(X) uS/cm () mS/cm							

Probe Readings Table

Probe Readings

Time	Temp	Cond	D.O.	pH	ORP	Eh	DTW(m)	Remarks
13:09:38	13.60	904.00	6.62	7.98	497.60	710.00	5.36	
13:12:08	13.30	1053.00	3.50	7.67	466.60	679.70	5.37	
13:15:21	13.30	1050.00	3.43	7.59	431.70	644.80	5.37	
13:18:23	13.20	1045.00	3.34	7.54	355.30	568.40	5.37	
13:21:25	13.20	1046.00	3.31	7.45	344.90	558.00	5.37	
13:24:20	13.10	1048.00	3.25	7.41	339.90	553.00	5.37	
13:21:39	13.00	1047.00	3.21	7.38	335.60	548.70	5.37	

DTW(m) = Depth to Water, TDS = Total Dissolved Solids

The Green highlights denote the Stabilisation Criteria for Low Flow Sampling according to USEPA (EPA/504/S-95/504 April 1996) and RSK technical procedure TP210 (2020)

Post Test remarks

Colour	Odour	Visible oily sheen
Translucent	No	No

Samples

Samples Taken Table

Depth	Sample Ref	Sample Type	Containers used	Flow Rate
8.00	RBH504	EW	2 x Glass Bottle 1 Litre, 1 x Plastic Bottle 500ml, 1 x Vial	20.0

Sample Collection Time	13:46:29
Sample Notes	Translucent greyish orange

Pictures

0 records

Completion record

BH Secured on Leaving?	☐ <Select>	☒ Yes	☐ No
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SSL Completion Confirmation by Author

Data Collected By

 Michael Lyskawa
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Additional Email Distribution

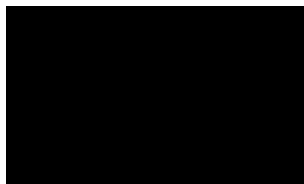
External Email Distribution	0 records
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Reviewer Sign Off

Reviewer Sign Off	☐ ☒ Accepted ☐ Rejected
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Send to Data Processing	☐ <Select> ☐ Yes ☒ No
-------------------------	--

Reviewer: Signature



Reviewer Name

 Radka Pandulova
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Groundwater Monitoring

Position ID: RBH505

Monitoring Date: 24 Jun 2025 11:07:17

Round: 2

Record ID: SSLGW07KH00095

Groundwater Monitoring Has Been Accepted

Project Information

Project ID	Name	Client	Project Manager
4328	Dantzie Street	ROC	Reece McGuinness

Weather Observations

Weather	Air Temp	Ground Surface	Wind
Raining	15.0	Wet	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Multiparameter Meter / YSI Pro / SSL-CV-YSI-01	24/06/2025	[X] Yes

Location and Well Information

Installation information

Datum	Description	Offset (m)	Ref	Length (m)	Diameter (mm)	Material	Type	Well Depth (m)	Previous Water Depth (m)
Pipe Top	Shallow	0.1AGL	2		50	HDPE	Double	11.42	

Pre-Testing Remarks

Borehole accessible?	Padlock?	Bung?	Location Label?	Additional Remarks
Yes	No	Yes	Yes	

GPS Location

53° 29' 29.68" N 2° 14' 1.161" W

Recorded Time	Water Depth from Datum (m)
11:05:07	4.61

LNAPL and DNAPL

Free Phase Product Present? () <Select> (X) No () DNAPL () LNAPL

() DNAPL and LNAPL

Well Headspace Reading
(PID/FID) (ppm)

Purging

Sampling Method () <Select> (X) Peristaltic () Bladder () Other

Method	Intake Depth (m)	Start time	End time	Duration	Volume (ltrs)	Discharged to	Cell Tubing
Low Flow	10.0	11:06:27	11:18:10	00:11:43	2.4	Ground	

Probe Readings

Units

Temp(°C)	Conductivity	DO (mg/l)	pH	ORP(mV)	Salinity	Turb	TDS	
	(X) uS/cm () mS/cm							

Probe Readings Table

Probe Readings

Time	Temp	Cond	D.O.	pH	ORP	Eh	DTW(m)	Remarks
11:08:45	12.60	1195.00	3.48	7.82	30.50	243.60	4.62	
11:11:11	12.60	1197.00	1.34	7.84	-46.10	167.00	4.62	
11:14:34	12.70	1192.00	0.85	7.85	-69.50	143.60	4.62	
11:15:21	12.60	1195.00	0.83	7.86	-72.20	140.90	4.62	
11:18:00	12.50	1195.00	0.66	7.86	-79.10	134.00	4.62	

DTW(m) = Depth to Water, TDS = Total Dissolved Solids
The Green highlights denote the Stabilisation Criteria for Low Flow Sampling according to USEPA (EPA/504/S-95/504 April 1996) and RSK technical procedure TP210 (2020)

Post Test remarks

Colour	Odour	Visible oily sheen
Translucent	No	No

Samples

Samples Taken Table

Depth	Sample Ref	Sample Type	Containers used	Flow Rate
10.00	RBH505	EW	2 x Glass Bottle 1 Litre, 1 x Plastic Bottle 500ml, 1 x Vial	20.0

Sample Collection Time 11:49:16

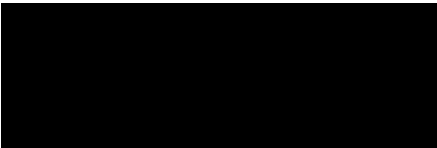
Sample Notes Translucent greyish

Pictures
0 records

Completion record

BH Secured on Leaving? () <Select> (X) Yes () No

SSL Completion Confirmation by Author



 Michael Lyskawa

Additional Email Distribution

External Email Distribution 0 records

Reviewer Sign Off

Reviewer Sign Off ()
(X) Accepted
() Rejected

Send to Data Processing () <Select>
() Yes
(X) No

Reviewer: Signature



Reviewer Name

 Radka Pandulova



STRUCTURAL
SOILS LTD

Groundwater Monitoring

Position ID: LKBH01

Monitoring Date: 23 Jul 2025 13:08:12

Round: 3

Record ID: SSLGW07KH00138

Groundwater Monitoring Has Been Accepted

Project Information

Project ID	Name	Client	Project Manager
4328	Dantzie Street	ROC	Reece McGuinness

Weather Observations

Weather	Wind
Overcast	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Multiparameter Meter / YSI Pro / SSL-CV-YSI-01	23/07/2025	[X] Yes

Location and Well Information

Installation information

Datum	Description	Offset (m)	Ref	Length (m)	Diameter (mm)	Material	Type	Well Depth (m)	Previous Water Depth (m)
Pipe Top	NA	0.14 AGL	1		50	HDPE	Single	14.13	

Pre-Testing Remarks

Borehole accessible?	Padlock?	Bung?	Location Label?	Additional Remarks
Yes	No	Yes	Yes	

GPS Location

53° 29' 29.714" N 2° 14' 1.68" W

Recorded Time	Water Depth from Datum (m)
13:00:28	4.68

LNAPL and DNAPL

Free Phase Product Present?

() <Select>
() DNAPL and LNAPL

(X) No

() DNAPL

() LNAPL

Well Headspace Reading (PID /FID) (ppm)

Sampling Method

() <Select>

(X) Peristaltic

() Bladder

() Other

Method	Intake Depth (m)	Start time	End time	Duration	Volume (ltrs)	Discharged to	Cell Tubing
Low Flow		13:07:00	13:29:00	00:22:00	3.0		

Probe Readings

Units

Temp(°C)	Conductivity	DO (mg/l)	pH	ORP (mV)	Salinity	Turb	TDS	
	(X) uS/cm () mS/cm							

Probe Readings Table

Probe Readings

Time	Temp	Cond	D.O.	pH	ORP	Eh	DTW(m)	Remarks
13:10:24	13.30	910.00	3.21	7.49	554.00	767.10	4.70	
13:13:11	13.20	907.00	1.49	7.59	470.30	683.40	4.70	
13:16:36	12.90	905.00	1.09	7.97	427.10	640.20	4.70	
13:19:58	12.90	904.00	1.00	7.98	411.50	624.60	4.70	
13:22:51	12.90	903.00	0.96	7.99	400.00	613.10	4.70	
13:25:38	12.80	902.00	0.90	7.99	398.00	611.10	4.70	
13:28:25	12.80	901.00	0.87	8.0	391.40	604.50	4.70	

DTW(m) = Depth to Water, TDS = Total Dissolved Solids
The Green highlights denote the Stabilisation Criteria for Low Flow Sampling according to USEPA (EPA/504/S-95/504 April 1996) and RSK technical procedure TP210 (2020)

Post Test remarks

Colour	Odour	Visible oily sheen
Clear	No	No

Samples

Samples Taken Table

Depth	Sample Ref	Sample Type	Containers used	Flow Rate
13.00	LKBH01	EW	2 x Glass Bottle 1 Litre, 1 x Plastic Bottle 500ml, 1 x Vial	22.0

Sample Collection Time 13:29:00

Sample Notes Translucent grey

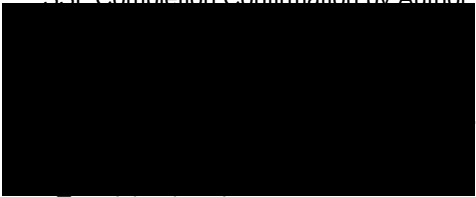
Pictures

0 records

Completion record

BH Secured on Leaving? () <Select> (X) Yes () No

SSL Completion Confirmation by Author



Michael Lyskawa

Additional Email Distribution

External Email Distribution 0 records

Reviewer Sign Off

Reviewer Sign Off () (X) Accepted () Rejected

Send to Data Processing () <Select> () Yes (X) No

Reviewer: Signature



Reviewer Name



Radka Pandulova



STRUCTURAL
SOILS LTD

Groundwater Monitoring

Position ID: RB203

Monitoring Date: 24 Jul 2025 12:27:39

Round: 3

Record ID: SSLGW07KH00148

Groundwater Monitoring Has Been Accepted

Project Information

Project ID	Name	Client	Project Manager
4328	Dantzig Street	ROC	Reece McGuinness

Weather Observations

Weather	Wind
Cloudy	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Multiparameter Meter / YSI Pro / SSL-CV-YSI-01	23/07/2025	[X] Yes

Location and Well Information

Installation information

Datum	Description	Offset (m)	Ref	Length (m)	Diameter (mm)	Material	Type	Well Depth (m)	Previous Water Depth (m)
Pipe Top	NA	1.0AGL	1		50	HDPE	Single	15.33	

Pre-Testing Remarks

Borehole accessible?	Padlock?	Bung?	Location Label?	Additional Remarks
Yes	No	Yes	Yes	

GPS Location 53° 29' 28.291" N 2° 13' 59.679" W

Recorded Time	Water Depth from Datum (m)
12:22:07	6.72

LNAPL and DNAPL

Free Phase Product	LNAPL Top Depth (m)	LNAPL Base Depth (m)	LNAPL Thickness (m)	DNAPL Top Depth (m)
LNAPL	6.72	7.32	0.6	0.0

Well Headspace Reading (PID /FID) (ppm)

Purging

Sampling Method () <Select> (X) Peristaltic () Bladder () Other

Method	Intake Depth (m)	Start time	End time	Duration	Volume (ltrs)	Discharged to	Cell Tubing
Low Flow	14.0	12:29:23	12:50:26	00:21:03	2.5	Ground	

Probe Readings

Units

Temp(°C)	Conductivity	DO (mg/l)	pH	ORP (mV)	Salinity	Turb	TDS	
	(X) uS/cm () mS/cm							

Probe Readings Table

Probe Readings

Time	Temp	Cond	D.O.	pH	ORP	Eh	DTW(m)	Remarks
12:29:25	13.50	895.00	5.51	7.22	434.10	646.50	7.32	
12:32:15	13.40	897.00	2.17	7.25	299.50	512.60	7.33	
12:35:36	13.30	895.00	1.44	7.28	252.40	465.50	7.34	
12:38:02	13.30	896.00	1.21	7.28	204.60	417.70	7.34	
12:41:03	13.30	897.00	0.91	7.29	192.50	405.60	7.36	
12:44:56	13.20	898.00	0.85	7.3	184.20	397.30	7.37	
12:47:38	13.20	899.00	0.80	7.31	180.20	393.30	7.30	
12:50:16	13.10	901.00	0.76	7.31	175.60	388.70	7.30	

DTW(m) = Depth to Water, TDS = Total Dissolved Solids
The Green highlights denote the Stabilisation Criteria for Low Flow Sampling according to USEPA (EPA/504/S-95/504 April 1996) and RSK technical procedure TP210 (2020)

Post Test remarks

Colour	Odour	Visible oily sheen
Clear	No	No

Samples

Samples Taken Table

Depth	Sample Ref	Sample Type	Containers used	Flow Rate
14.00	RBH203	EW	2 x Glass Bottle 1 Litre, 1 x Plastic Bottle 500ml, 1 x Vial	25.0

Sample Collection Time 13:09:36

Sample Notes Clear with black particles

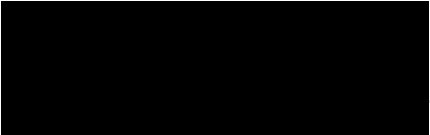
Pictures

0 records

Completion record

BH Secured on Leaving? () <Select> (X) Yes () No

SSL Completion Confirmation by Author



 Michael Lyskawa

Additional Email Distribution

External Email Distribution 0 records

Reviewer Sign Off

Reviewer Sign Off ()
(X) Accepted
() Rejected

Send to Data Processing () <Select>
() Yes
(X) No

Reviewer: Signature



Reviewer Name

 Radka Pandulova



STRUCTURAL
SOILS LTD

Groundwater Monitoring

Position ID: RBH305

Monitoring Date: 23 Jul 2025 11:22:45

Round: 3

Record ID: SSLGW07KH00133

Groundwater Monitoring Has Been Accepted

Project Information

Project ID	Name	Client	Project Manager
4328	Dantzie Street	ROC	Reece McGuinness

Weather Observations

Weather	Wind
Overcast	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Multiparameter Meter / YSI Pro / SSL-CV-YSI-01	23/07/2025	[X] Yes

Location and Well Information

Installation information

Datum	Description	Offset (m)	Ref	Length (m)	Diameter (mm)	Material	Type	Well Depth (m)	Previous Water Depth (m)
Pipe Top	NA	0.61 AGL	1		50	HDPE	Single	7.46	

Pre-Testing Remarks

Borehole accessible?	Padlock?	Bung?	Location Label?	Additional Remarks
Yes	No	Yes	Yes	

GPS Location

53° 29' 29.509" N 2° 14' 0.124" W

Recorded Time	Water Depth from Datum (m)
11:00:29	5.6

LNAPL and DNAPL

Free Phase Product Present?

<Select>

DNAPL and LNAPL

()

<Select>

(X)

No

DNAPL

LNAPL

()

DNAPL

()

LNAPL

Well Headspace Reading (PID /FID) (ppm)

Purging

Sampling Method

<Select>

Peristaltic

Bladder

Other

Method	Intake Depth (m)	Start time	End time	Duration	Volume (ltrs)	Discharged to	Cell Tubing
Low Flow	7.0	11:00:45	11:14:00	00:13:15	2.4	Ground	

Probe Readings

Units

Temp(°C)	Conductivity	DO (mg/l)	pH	ORP (mV)	Salinity	Turb	TDS	
	uS/cm mS/cm							

Probe Readings Table

Probe Readings

Time	Temp	Cond	D.O.	pH	ORP	Eh	DTW(m)	Remarks
11:02:54	13.10	1178.00	7.38	7.65	398.20	611.30	5.61	
11:05:56	12.80	1180.00	4.40	7.90	373.80	586.90	5.62	
11:08:25	12.70	1171.00	4.10	7.96	369.80	582.90	5.64	
11:11:08	12.60	1164.00	4.06	7.98	369.20	582.30	5.66	
11:14:55	12.60	1162.00	4.00	7.99	369.00	582.10	5.68	

DTW(m) = Depth to Water, TDS = Total Dissolved Solids
The Green highlights denote the Stabilisation Criteria for Low Flow Sampling according to USEPA (EPA/504/S-95/504 April 1996) and RSK technical procedure TP210 (2020)

Post Test remarks

Colour	Odour	Visible oily sheen
Translucent	No	No

Samples

Samples Taken Table

Depth	Sample Ref	Sample Type	Containers used	Flow Rate
7.00	RBH305	EW	2 x Glass Bottle 1 Litre, 1 x Plastic Bottle 500ml, 1 x Vial	22.0

Sample Collection Time

11:33:32

Sample Notes

Translucent brownish orange

Pictures

0 records

Completion record

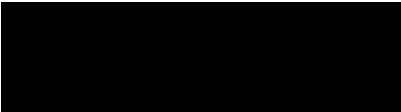
BH Secured on Leaving?

() <Select>

(X) Yes

() No

SSL Completion Confirmation by Author



 Michael Lyskawa

Additional Email Distribution

External Email Distribution

0 records

Reviewer Sign Off

Reviewer Sign Off

()

(X) Accepted

() Rejected

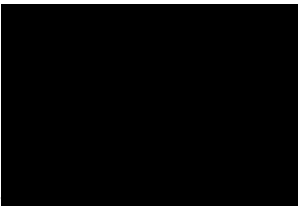
Send to Data Processing

() <Select>

() Yes

(X) No

Reviewer: Signature



Reviewer Name

 Radka Pandulova



STRUCTURAL
SOILS LTD

Groundwater Monitoring

Position ID: RBH501

Monitoring Date: 24 Jul 2025 09:11:49

Round: 3

Record ID: SSLGW07KH00142

Groundwater Monitoring Has Been Accepted

Project Information

Project ID	Name	Client	Project Manager
4328	Dantzie Street	ROC	Reece McGuinness

Weather Observations

Weather	Wind
Cloudy	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Multiparameter Meter / YSI Pro / SSL-CV-YSI-01	23/07/2025	[X] Yes

Location and Well Information

Installation information

Datum	Description	Offset (m)	Ref	Length (m)	Diameter (mm)	Material	Type	Well Depth (m)	Previous Water Depth (m)
Pipe Top	NA	0.63 AGL	1		50	HDPE	Single	13.55	

Pre-Testing Remarks

Borehole accessible?	Padlock?	Bung?	Location Label?	Additional Remarks
Yes	No	Yes	Yes	

GPS Location

53° 29' 27.62" N 2° 14' 0.614" W

Recorded Time	Water Depth from Datum (m)
09:08:12	6.66

LNAPL and DNAPL

Free Phase Product Present?

() <Select>
() DNAPL and LNAPL

(X) No

() DNAPL

() LNAPL

Well Headspace Reading (PID /FID) (ppm)

Purging

Sampling Method

() <Select>

(X) Peristaltic

() Bladder

() Other

Method	Intake Depth (m)	Start time	End time	Duration	Volume (ltrs)	Discharged to	Cell Tubing
Low Flow	13.0	09:10:21	09:28:28	00:18:07	3.0	Ground	

Probe Readings

Units

Temp(°C)	Conductivity	DO (mg/l)	pH	ORP (mV)	Salinity	Turb	TDS	
	(X) uS/cm () mS/cm							

Probe Readings Table

Probe Readings

Time	Temp	Cond	D.O.	pH	ORP	Eh	DTW(m)	Remarks
09:15:28	13.20	900.00	5.00	7.44	157.20	370.30	5.40	
09:18:46	13.00	902.00	1.69	7.40	-0.40	212.70	5.40	
09:21:22	12.80	903.00	1.09	7.38	-6.20	206.90	5.40	
09:24:51	12.80	901.00	0.94	7.36	-2.70	210.40	5.40	
09:27:02	12.70	900.00	0.90	7.34	-0.40	212.70	5.40	

DTW(m) = Depth to Water, TDS = Total Dissolved Solids
The Green highlights denote the Stabilisation Criteria for Low Flow Sampling according to USEPA (EPA/504/S-95/504 April 1996) and RSK technical procedure TP210 (2020)

Post Test remarks

Colour	Odour	Visible oily sheen
Translucent	No	No

Samples

Samples Taken Table

Depth	Sample Ref	Sample Type	Containers used	Flow Rate
13.00	RBH501	EW	2 x Glass Bottle 1 Litre, 1 x Plastic Bottle 500ml, 1 x Vial	23.0

Sample Collection Time

09:42:54

Sample Notes

Translucent greyish brown

Pictures

0 records

Completion record

BH Secured on Leaving? () <Select> (X) Yes () No

Author

 Michael Lyskawa

Additional Email Distribution

External Email Distribution 0 records

Reviewer Sign Off

Reviewer Sign Off ()
(X) Accepted
() Rejected

Send to Data Processing () <Select>
() Yes
(X) No

Reviewer: Signature



Reviewer Name

 Radka Pandulova



STRUCTURAL
SOILS LTD

Groundwater Monitoring

Position ID: RBH502

Monitoring Date: 24 Jul 2025 10:36:30

Round: 3

Record ID: SSLGW07KH00145

Groundwater Monitoring Has Been Accepted

Project Information

Project ID	Name	Client	Project Manager
4328	Dantzic Street	ROC	Reece McGuinness

Weather Observations

Weather	Wind
Cloudy	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Multiparameter Meter / YSI Pro / SSL-CV-YSI-01	23/07/2025	[X] Yes

Location and Well Information

Installation information

Datum	Description	Offset (m)	Ref	Length (m)	Diameter (mm)	Material	Type	Well Depth (m)	Previous Water Depth (m)
Pipe Top	Shallow	0.84 AGL	2		50	HDPE	Double	16.75	

Pre-Testing Remarks

Borehole accessible?	Padlock?	Bung?	Location Label?	Additional Remarks
Yes	No	Yes	Yes	

GPS Location

53° 29' 28.133" N 2° 13' 59.107" W

Recorded Time	Water Depth from Datum (m)
10:43:16	6.59

LNAPL and DNAPL

Free Phase Product Present?

<Select>

DNAPL and LNAPL

(X) No

DNAPL

LNAPL

Well Headspace Reading (PID /FID) (ppm)

Purging

Sampling Method

<Select>

Peristaltic

Bladder

Other

Method	Intake Depth (m)	Start time	End time	Duration	Volume (ltrs)	Discharged to	Cell Tubing
Low Flow	13.0	10:45:01	11:01:54	00:16:53	2.5	Ground	

Probe Readings

Units

Temp(°C)	Conductivity	DO (mg/l)	pH	ORP (mV)	Salinity	Turb	TDS	
	uS/cm mS/cm							

Probe Readings Table

Probe Readings

Time	Temp	Cond	D.O.	pH	ORP	Eh	DTW(m)	Remarks
10:46:21	13.20	786.00	8.96	7.62	388.70	601.80	6.70	
10:49:54	12.80	763.00	2.22	7.60	307.40	520.50	6.70	
10:52:47	12.80	766.00	1.42	7.6	241.50	454.60	6.70	
10:55:49	12.80	770.00	1.19	7.59	230.10	443.20	6.70	
10:58:41	12.80	771.00	1.03	7.58	225.70	438.80	6.70	
11:01:51	12.80	772.00	0.94	7.57	221.30	434.40	6.70	

DTW(m) = Depth to Water, TDS = Total Dissolved Solids
The Green highlights denote the Stabilisation Criteria for Low Flow Sampling according to USEPA (EPA/504/S-95/504 April 1996) and RSK technical procedure TP210 (2020)

Post Test remarks

Colour	Odour	Visible oily sheen
Translucent	No	No

Samples

Samples Taken Table

Depth	Sample Ref	Sample Type	Containers used	Flow Rate
13.00	RBH502	EW	2 x Glass Bottle 1 Litre, 1 x Plastic Bottle 500ml, 1 x Vial	23.0

Sample Collection Time	11:13:38
Sample Notes	Translucent greyish white

Pictures

0 records

Completion record

BH Secured on Leaving?	☐ <Select>	☒ Yes	☐ No
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SSI Completion Confirmation by Author

Data Collected By
Michael Lyskawa

Additional Email Distribution

External Email Distribution	0 records
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Reviewer Sign Off

Reviewer Sign Off	☐ ☒ Accepted ☐ Rejected
Send to Data Processing	☐ <Select> ☐ Yes ☒ No

Reviewer: Signature

Reviewer Name
Radka Pandulova



STRUCTURAL
SOILS LTD

Groundwater Monitoring

Position ID: RBH503

Monitoring Date: 23 Jul 2025 10:43:50

Round: 3

Record ID: SSLGW07KH00130

Groundwater Monitoring Has Been Accepted

Project Information

Project ID	Name	Client	Project Manager
4328	Dantzie Street	ROC	Reece McGuinness

Weather Observations

Weather	Wind
Overcast	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Multiparameter Meter / YSI Pro / SSL-CV-YSI-01	23/07/2025	[X] Yes

Installation information

Datum	Description	Offset (m)	Ref	Length (m)	Diameter (mm)	Material	Type	Well Depth (m)	Previous Water Depth (m)
Pipe Top	NA	0.19 AGL	1			HDPE	Single	8.8	

Pre-Testing Remarks

Borehole accessible?	Padlock?	Bung?	Location Label?	Additional Remarks
<Select>	Yes	Yes	Yes	

GPS Location 53° 29' 29.481" N 2° 14' 0.216" W

Recorded Time	Water Depth from Datum (m)
09:58:45	5.03

LNAPL and DNAPL

() <Select>

(X) No

() DNAPL

() LNAPL

Free Phase Product Present? () DNAPL and LNAPL

Well Headspace Reading (PID /FID) (ppm)

Purging

Sampling Method () <Select> (X) Peristaltic () Bladder () Other

Method	Intake Depth (m)	Start time	End time	Duration	Volume (ltrs)	Discharged to	Cell Tubing
Low Flow	8.0	10:00:08	10:17:15	00:17:07	2.2	Ground	

Probe Readings

Units

Temp(°C)	Conductivity	DO (mg/l)	pH	ORP (mV)	Salinity	Turb	TDS	
	(X) uS/cm () mS/cm							

Probe Readings Table

Probe Readings

Time	Temp	Cond	D.O.	pH	ORP	Eh	DTW(m)	Remarks
10:01:04	12.40	1098.00	1.23	8.67	366.40	580.20	5.04	
10:04:40	12.30	1095.00	1.10	8.74	349.50	563.30	5.07	
10:07:04	12.20	1090.00	0.99	8.89	315.00	528.80	5.09	
10:10:04	12.10	1088.00	0.88	8.91	305.10	518.90	5.11	
10:13:21	12.10	1094.00	0.82	8.91	299.60	513.40	5.14	
10:17:11	12.00	1098.00	0.79	8.92	295.80	509.60	5.17	

DTW(m) = Depth to Water, TDS = Total Dissolved Solids
The Green highlights denote the Stabilisation Criteria for Low Flow Sampling according to USEPA (EPA/504/S-95/504 April 1996) and RSK technical procedure TP210 (2020)

Post Test remarks

Colour	Odour	Visible oily sheen
Translucent	No	No

Samples

Samples Taken Table

Depth	Sample Ref	Sample Type	Containers used	Flow Rate
8.00	RBH503	EW	2 x Glass Bottle 1 Litre, 1 x Plastic Bottle 500ml, 1 x Vial	22.0

Sample Collection Time 10:39:39

Sample Notes

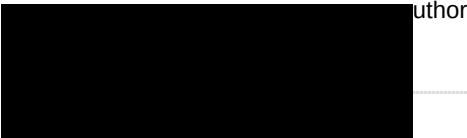
Translucent brownish grey

Pictures

0 records

Completion record

BH Secured on Leaving? () <Select> (X) Yes () No



 Michael Lyskawa

Additional Email Distribution

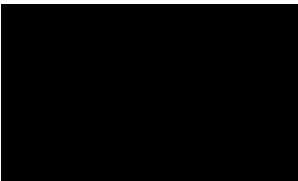
External Email Distribution 0 records

Reviewer Sign Off

Reviewer Sign Off ()
(X) Accepted
() Rejected

Send to Data Processing () <Select>
() Yes
(X) No

Reviewer: Signature



Reviewer Name

 Radka Pandulova



STRUCTURAL
SOILS LTD

Groundwater Monitoring

Position ID: RBH504

Monitoring Date: 24 Jul 2025 08:30:02

Round: 3

Record ID: SSLGW07KH00141

Groundwater Monitoring Has Been Accepted

Project Information

Project ID	Name	Client	Project Manager
4328	Dantzie Street	ROC	Reece McGuinness

Weather Observations

Weather	Wind
Cloudy	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Multiparameter Meter / YSI Pro / SSL-CV-YSI-01	23/07/2025	[X] Yes

Installation information

Datum	Description	Offset (m)	Ref	Length (m)	Diameter (mm)	Material	Type	Well Depth (m)	Previous Water Depth (m)
Pipe Top	NA	0.14 AGL	1			HDPE	Single	9.23	

Pre-Testing Remarks

Borehole accessible?	Padlock?	Bung?	Location Label?	Additional Remarks
Yes	No	Yes	Yes	

GPS Location 53° 29' 28.603" N 2° 13' 58.917" W

Recorded Time	Water Depth from Datum (m)
08:30:12	5.38

LNAPL and DNAPL

() <Select>

(X) No

() DNAPL

() LNAPL

Free Phase Product Present? () DNAPL and LNAPL

Well Headspace Reading (PID /FID) (ppm)

Purging

Sampling Method () <Select> (X) Peristaltic () Bladder () Other

Method	Intake Depth (m)	Start time	End time	Duration	Volume (ltrs)	Discharged to	Cell Tubing
Low Flow	8.0	08:30:35	08:50:45	00:20:10	3.0	Ground	

Probe Readings

Units

Temp(°C)	Conductivity	DO (mg/l)	pH	ORP (mV)	Salinity	Turb	TDS	
	(X) uS/cm () mS/cm							

Probe Readings Table

Probe Readings

Time	Temp	Cond	D.O.	pH	ORP	Eh	DTW(m)	Remarks
08:32:15	14.30	1059.00	8.92	7.8	471.60	684.00	5.40	
08:35:57	13.60	1056.00	4.42	7.86	465.40	677.80	5.40	
08:38:25	13.50	1052.00	4.17	7.93	428.20	640.60	5.40	
08:41:49	13.20	1050.00	3.98	7.95	383.20	596.30	5.40	
08:44:19	13.00	1048.00	3.95	7.96	375.00	588.10	5.40	
08:47:00	12.90	1045.00	3.90	7.97	370.00	583.10	5.40	
08:50:37	12.90	1040.00	3.91	7.97	367.00	580.10	5.40	

DTW(m) = Depth to Water, TDS = Total Dissolved Solids
The Green highlights denote the Stabilisation Criteria for Low Flow Sampling according to USEPA (EPA/504/S-95/504 April 1996) and RSK technical procedure TP210 (2020)

Post Test remarks

Colour	Odour	Visible oily sheen
Translucent	No	No

Samples

Samples Taken Table

Depth	Sample Ref	Sample Type	Containers used	Flow Rate
8.00	RBH504	EW	2 x Glass Bottle 1 Litre, 1 x Plastic Bottle 500ml, 1 x Vial	22.0

Sample Collection Time	09:06:23
Sample Notes	Translucent brownish orange

Pictures

0 records

Completion record

BH Secured on Leaving?	☐ <Select>	☒ Yes	☐ No
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SSL Completion Confirmation by Author

Michael Lyskawa
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Additional Email Distribution

External Email Distribution	0 records
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Reviewer Sign Off

Reviewer Sign Off	☐ ☒ Accepted ☐ Rejected
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Send to Data Processing	☐ <Select> ☐ Yes ☒ No
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Reviewer: Signature

Reviewer Name
Radka Pandulova



STRUCTURAL
SOILS LTD

Groundwater Monitoring

Position ID: RBH505

Monitoring Date: 23 Jul 2025 11:58:26

Round: 3

Record ID: SSLGW07KH00135

Groundwater Monitoring Has Been Accepted

Project Information

Project ID	Name	Client	Project Manager
4328	Dantzig Street	ROC	Reece McGuinness

Weather Observations

Weather	Wind
Overcast	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Multiparameter Meter / YSI Pro / SSL-CV-YSI-01	23/07/2025	[X] Yes

Location and Well Information

Installation information

Datum	Description	Offset (m)	Ref	Length (m)	Diameter (mm)	Material	Type	Well Depth (m)	Previous Water Depth (m)
Pipe Top	Shallow	0.1AGL	2		50	HDPE	Single	11.39	

Pre-Testing Remarks

Borehole accessible?	Padlock?	Bung?	Location Label?	Additional Remarks
Yes	No	Yes	Yes	

GPS Location 53° 29' 29.417" N 2° 14' 2.037" W

Recorded Time	Water Depth from Datum (m)
11:59:50	4.65

LNAPL and DNAPL

Free Phase Product Present?

<Select>

DNAPL and LNAPL

(X) No

() DNAPL

() LNAPL

Well Headspace Reading (PID /FID) (ppm)

Purging

Sampling Method

<Select>

Peristaltic

Bladder

Other

Method	Intake Depth (m)	Start time	End time	Duration	Volume (ltrs)	Discharged to	Cell Tubing
Low Flow	10.0	12:00:10	12:23:14	00:23:04	2.2	Ground	

Probe Readings

Units

Temp(°C)	Conductivity	DO (mg/l)	pH	ORP (mV)	Salinity	Turb	TDS	
	uS/cm mS/cm							

Probe Readings Table

Probe Readings

Time	Temp	Cond	D.O.	pH	ORP	Eh	DTW(m)	Remarks
12:04:38	12.30	1192.00	4.02	7.43	320.60	534.40	4.66	
12:07:49	12.30	1190.00	2.17	7.73	268.90	482.70	4.66	
12:10:31	12.20	1191.00	1.20	7.85	231.40	445.20	4.67	
12:13:16	12.20	1190.00	1.01	7.88	206.30	420.10	4.67	
12:17:20	12.10	1190.00	0.93	7.9	199.00	412.80	4.67	
12:20:01	12.10	1189.00	0.88	7.91	195.90	409.70	4.68	
12:23:38	12.00	1185.00	0.85	7.94	191.40	405.20	4.68	

DTW(m) = Depth to Water, TDS = Total Dissolved Solids
The Green highlights denote the Stabilisation Criteria for Low Flow Sampling according to USEPA (EPA/504/S-95/504 April 1996) and RSK technical procedure TP210 (2020)

Post Test remarks

Colour	Odour	Visible oily sheen
Translucent	No	No

Samples

Samples Taken Table

Depth	Sample Ref	Sample Type	Containers used	Flow Rate
10.00	RBH505	EW	2 x Glass Bottle 1 Litre, 1 x Plastic Bottle 500ml, 1 x Vial	22.0

Sample Collection Time	12:37:18
Sample Notes	Translucent greyish
Pictures	
0 records	

Completion record

BH Secured on Leaving?	☐ <Select>	☒ Yes	☐ No
------------------------	--------------------------------	--------------------------------------	--------------------------

by Author	

Data Collected By	
 Michael Lyskawa	

Additional Email Distribution

External Email Distribution	0 records
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Reviewer Sign Off

Reviewer Sign Off	☐
	☒ Accepted
	☐ Rejected

Send to Data Processing	☐ <Select>
	☐ Yes
	☒ No

Reviewer: Signature

Reviewer Name
 Radka Pandulova



STRUCTURAL
SOILS LTD

Groundwater Monitoring

Position ID: RBH505;RBH502

Monitoring Date: 23 Jul 2025 12:21:07

Round: 3

Record ID: SSLGW07KH00136

Groundwater Monitoring Has Been Accepted

Project Information

Project ID	Name	Client	Project Manager
4328	Dantzig Street	ROC	Reece McGuinness

Weather Observations

Weather	Wind
Overcast	Light

Water Monitoring Device

Device	Calibration Date	Daily Check
Interface Meter / Solinst / SSL-COV-IM7	23/07/2025	[X] Yes

Dips Only

Position ID	Time	Pipe Diameter	Pipe Ref	Pipe Desc	Datum	Offset to GL	Water Depth (m)	Dry	Well Depth (m)	Comments	BHSecure
RBH505	12:22:04	19	1	Deep	Top of Pipe	0.10	4.32	[]	14.31		Yes
RBH502	10:10:47	19	1	Deep	Top of Pipe	0.90	6.55	[]	19.11		Yes

Pictures

0 records

Completion record

SSL Completion Confirmation by Author

Data Collected By

 Michael Lyskawa

Additional Email Distribution

Reviewer Sign Off

Reviewer Sign Off

☐

☒ Accepted

☐ Rejected

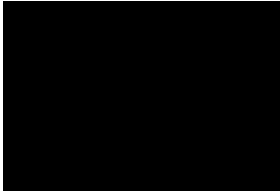
Send to Data Processing

☐ <Select>

☐ Yes

☒ No

Reviewer: Signature



Reviewer Name

 Radka Pandulova

[illegible]

		Groundwater Sampling Data Form			
		This form is also available for RSK Mobile Data Capture.			
Project Information	Project Name:		Dantzie Street		
	Project Number:		4328		
	Sampling Date:		19/08/2025	Sampled by:	MH
	Weather:		Overcast 19		
	Well Notes - e.g. Condition, access, safety:				
Monitoring Information	Water Quality Meter Used:		AQUA TROLL 500		
	Water Quality Meter Last Calibrated:		19/08/2025		
	Dissolved oxygen probe last calibrated:		19/08/2025		
	Water Level Meter Used (X that applicable):				
	Interface probe	X	Dip Meter		
	Typical Parameter Stabilisation Criteria for Low-Flow Sampling		Dissolved Oxygen (D.O.)		0.3 mg/l
			Specific Conductivity (Sp.Cond)		3%
			p.H		0.1 unit
			Oxygen Reduction Potential (ORP)		10mV
	* For REDOX correction, see separate guidance				

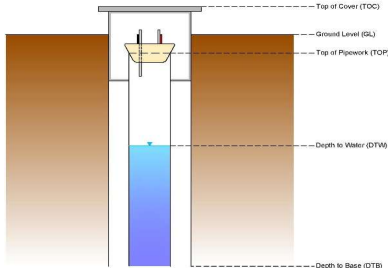
BH ID	LKBH01											
Measurement Datum Notes:	Top Of Cover (TOC), Ground Level (GL), Top Of Pipework (TOP). If 'Ground Level', the offset from datum to GL will be 0m. Record a positive offset if the datum is higher than GL or a negative offset if the datum is below GL. See figure above for definitions.											
Measurement Datum:	TOP							Offset from datum to GL (m):		0.17		
Start Time:	09:30	Time (HH:MM)	Temp (oC)	Sp.Cond (µS/cm)	D.O. (mg/l)	pH (units)	ORP (mV)	Depth to Water (m)	Turbidity (NTU)	Corr. REDOX (mV)	Notes / Flow (ml/min)	
Well Diameter (mm)	50											
Well Material	HDPE	09:38	13.4	1332.00	1.13	7.42	-184.60	4.72		20.75	<Select Probe	
Initial Water Level (m)	4.71	09:41	13.8	1325.00	0.82	7.41	-190.40	4.72		14.12		
		09:44	14.1	1316.00	0.64	7.38	-193.20	4.72		11.32		
LNAPL Present? (Y/N)	N	09:47	14.1	1306.00	0.54	7.37	-195.20	4.72		9.32		
Initial LNAPL Level (m)		09:50	14.1	1304.00	0.46	7.37	-196.70	4.72		7.82		
Well Headspace Reading (PID/FID)												
Purge Method (Give details in Notes section)	LowFlow											
Sampling Method (Give details in Notes section.)	Peristaltic											
Pump Intake Depth (m)	11.00	Sampling Notes (e.g. oil/colour/odour), reasons if not monitored, include purge / sampling method if "Other" selected.					Translucent, no odour, 16 sec to fill 40ml vial					
Depth to Base (m)	14.11											
DNAPL Present? (Y/N)	N	Sample Containers Obtained					2 x 1l Glass, 1 x 500ml Plastic, 1 x Yellow, 1 x Vial					
Initial DNAPL Level (m)		Sample Collection Time					09:51					

BH ID	RBH505 (S)										
Measurement Datum Notes:	Top Of Cover (TOC), Ground Level (GL), Top Of Pipework (TOP). If 'Ground Level', the offset from datum to GL will be 0m. Record a positive offset if the datum is higher than GL or a negative offset if the datum is below GL. See figure above for definitions.										
Measurement Datum:	TOP							Offset from datum to GL (m):	-0.1		
Start Time:	10:28	Time (HH:MM)	Temp (oC)	Sp.Cond (µS/cm)	D.O. (mg/l)	pH (units)	ORP (mV)	Depth to Water (m)	Turbidity (NTU)	Corr. REDOX (mV)	Notes / Flow (ml/min)
Well Diameter (mm)	50									SmarTroll	<Select Probe
Well Material	HDPE	10:34	14.3	1577.00	0.78	7.13	-186.20	4.66		18.32	
Initial Water Level (m)	4.66	10:37	14.2	1576.00	0.58	7.13	-188.10	4.68		16.42	
		10:40	14.0	1577.00	0.53	7.12	-189.70	4.70		14.82	
LNAPL Present? (Y/N)	N	10:43	13.9	1579.00	0.47	7.12	-190.80	4.72		13.72	
Initial LNAPL Level (m)		10:46	14.0	1580.00	0.48	7.11	-191.80	4.74		12.72	
Well Headspace Reading (PID/FID)											
Purge Method (Give details in Notes section)	LowFlow										
Sampling Method (Give details in Notes section.)	Peristaltic										
Pump Intake Depth (m)	11.00										
Depth to Base (m)	11.35	Sampling Notes (e.g. oil/colour/odour), reasons if not monitored, include purge / sampling method if "Other" selected.					Translucent, Cloudy, 26 sec to fill 40m vial				
DNAPL Present? (Y/N)	N	Sample Containers Obtained					2 x 1l Glass, 1 x 500ml Plastic, 1 x Yellow, 1 x Vial				
Initial DNAPL Level (m)		Sample Collection Time					10:47				

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BH ID	RBH503										
Measurement Datum Notes:	Top Of Cover (TOC), Ground Level (GL), Top Of Pipework (TOP). If 'Ground Level', the offset from datum to GL will be 0m. Record a positive offset if the datum is higher than GL or a negative offset if the datum is below GL. See figure above for definitions.										
Measurement Datum:	TOP							Offset from datum to GL (m):	0.09		
Start Time:	11:21	Time (HH:MM)	Temp (oC)	Sp.Cond (µS/cm)	D.O. (mg/l)	pH (units)	ORP (mV)	Depth to Water (m)	Turbidity (NTU)	Corr. REDOX (mV)	Notes / Flow (ml/min)
Well Diameter (mm)	50									SmarTroll	<Select Probe
Well Material	HDPE	11:29	14.2	1461.00	0.62	7.16	-193.20	5.09		11.32	
Initial Water Level (m)	5.06	11:32	14.1	1463.00	0.55	7.17	-196.90	5.12		7.62	
		11:35	14.0	1460.00	0.50	7.17	-199.00	5.15		5.52	
LNAPL Present? (Y/N)	N	11:38	13.9	1460.00	0.42	7.16	-200.70	5.17		3.82	
Initial LNAPL Level (m)		11:41	13.9	1459.00	0.48	7.16	-202.20	5.20		2.32	
Well Headspace Reading (PID/FID)											
Purge Method (Give details in Notes section)	LowFlow										
Sampling Method (Give details in Notes section.)	Peristaltic										
Pump Intake Depth (m)	8.50										
Depth to Base (m)	8.80	Sampling Notes (e.g. oil/colour/odour), reasons if not monitored, include purge / sampling method if "Other" selected.					Translucent, cloudy, 46 sec to fill 40m vial				
DNAPL Present? (Y/N)	N	Sample Containers Obtained					2 x 1l Glass, 1 x 500ml Plastic, 1 x Yellow, 1 x Vial				
Initial DNAPL Level (m)		Sample Collection Time					11:42				

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		Groundwater Sampling Data Form			
		This form is also available for RSK Mobile Data Capture.			
Project Information	Project Name:		Dantzie Street		
	Project Number:		4328		
	Sampling Date:		20/08/2025	Sampled by:	MH
	Weather:		Overcast 20		
	Well Notes - e.g. Condition, access, safety:				
Monitoring Information	Water Quality Meter Used:		AQUA TROLL 500		
	Water Quality Meter Last Calibrated:		20/08/2025		
	Dissolved oxygen probe last calibrated:		20/08/2025		
	Water Level Meter Used (X that applicable):				
	Interface probe	X	Dip Meter		
					
	Typical Parameter Stabilisation Criteria for Low-Flow Sampling		Dissolved Oxygen (D.O.)		0.3 mg/l
			Specific Conductivity (Sp.Cond)		3%
			p.H		0.1 unit
			Oxygen Reduction Potential (ORP)		10mV
* For REDOX correction, see separate guidance					

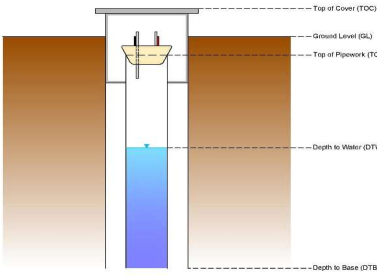
BH ID	RBH502(S)											
Measurement Datum Notes:	Top Of Cover (TOC), Ground Level (GL), Top Of Pipework (TOP). If 'Ground Level', the offset from datum to GL will be 0m. Record a positive offset if the datum is higher than GL or a negative offset if the datum is below GL. See figure above for definitions.											
Measurement Datum:	TOP								Offset from datum to GL (m):		0.84	
Start Time:	09:07	Time (HH:MM)	Temp (°C)	Sp.Cond (µS/cm)	D.O. (mg/l)	pH (units)	ORP (mV)	Depth to Water (m)	Turbidity (NTU)	Corr. REDOX (mV)	Notes / Flow (ml/min)	
Well Diameter (mm)	50										SmarTroll <Select Probe	
Well Material	HDPE	09:15	13.8	1081.00	2.19	7.13	-4.00	6.69		200.52		
Initial Water Level (m)	6.66	09:18	13.6	1084.00	1.25	7.10	-3.50	6.70		201.02		
		09:21	13.5	1082.00	0.96	7.09	-3.10	6.71		202.25		
LNAPL Present? (Y/N)	N	09:24	13.5	1081.00	0.88	7.08	-2.40	6.72		202.95		
Initial LNAPL Level (m)		09:27	13.4	1080.00	0.93	7.08	-1.40	6.73		203.95		
Well Headspace Reading (PID/FID)												
Purge Method (Give details in Notes section)	LowFlow											
Sampling Method (Give details in Notes section.)	Peristaltic											
Pump Intake Depth (m)	16.40											
Depth to Base (m)	16.73	Sampling Notes (e.g. oil/colour/odour), reasons if not monitored, include purge / sampling method if "Other" selected.				Clear , no odour, 36 sec to fill 40m vial						
DNAPL Present? (Y/N)	N	Sample Containers Obtained				2 x 1l Glass, 1 x 500ml Plastic, 1 x Yellow, 1 x Vial						
Initial DNAPL Level (m)		Sample Collection Time				09:28						

BH ID	RBH203											
Measurement Datum Notes:	Top Of Cover (TOC), Ground Level (GL), Top Of Pipework (TOP). If 'Ground Level', the offset from datum to GL will be 0m. Record a positive offset if the datum is higher than GL or a negative offset if the datum is below GL. See figure above for definitions.											
Measurement Datum:	TOP							Offset from datum to GL (m):		0.62		
Start Time:	10:09	Time (HH:MM)	Temp (oC)	Sp.Cond (uS/cm)	D.O. (mg/l)	pH (units)	ORP (mV)	Depth to Water (m)	Turbidity (NTU)	Corr. REDOX (mV)	Notes / Flow (ml/min)	
Well Diameter (mm)	50									SmarrTroll	<Select Probe	
Well Material	HDPE	10:16	14.3	926.50	1.35	6.89	-159.10	7.66		45.42		
Initial Water Level (m)	7.64	10:19	14.1	927.10	0.64	6.95	-177.10	7.66		27.42		
		10:22	14.1	926.50	0.39	6.98	-188.40	7.66		16.12		
LNAPL Present? (Y/N)	N	10:25	14.0	927.10	0.32	7.01	-194.20	7.66		10.32		
Initial LNAPL Level (m)		10:28	14.0	926.00	0.28	7.02	-198.80	7.66		5.72		
Well Headspace Reading (PID/FID)		10:31	14.0	926.30	0.26	7.03	-202.20	7.66		2.32		
Purge Method (Give details in Notes section)	LowFlow											
Sampling Method (Give details in Notes section.)	Peristaltic											
Pump Intake Depth (m)	15.00											
Depth to Base (m)	15.33	Sampling Notes (e.g. oil/colour/odour), reasons if not monitored, include purge / sampling method if "Other" selected.					Translucent, Light black sediment present, Cloudy, 16 sec to fill 40m vial					
DNAPL Present? (Y/N)	N	Sample Containers Obtained					2 x 1l Glass, 1 x 500ml Plastic, 1 x Yellow, 1 x Vial					
Initial DNAPL Level (m)		Sample Collection Time					10:32					

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BH ID	RBH501											
Measurement Datum Notes:	Top Of Cover (TOC), Ground Level (GL), Top Of Pipework (TOP). If 'Ground Level', the offset from datum to GL will be 0m. Record a positive offset if the datum is higher than GL or a negative offset if the datum is below GL. See figure above for definitions.											
Measurement Datum:	TOP							Offset from datum to GL (m):		0.56		
Start Time:	10:58	Time (HH:MM)	Temp (oC)	Sp.Cond (µS/cm)	D.O. (mg/l)	pH (units)	ORP (mV)	Depth to Water (m)	Turbidity (NTU)	Corr. REDOX (mV)	Notes / Flow (ml/min)	
Well Diameter (mm)	50										SmarrTroll	<Select Probe
Well Material	HDPE	11:03	14.9	1198.00	2.07	7.11	-193.70	6.69		9.98		
Initial Water Level (m)	6.68	11:06	13.8	1236.00	1.15	7.12	-196.20	6.69		8.32		
		11:09	13.8	1240.00	0.66	7.12	-203.10	6.69		1.42		
LNAPL Present? (Y/N)	N	11:12	13.7	1241.00	0.49	7.13	-206.80	6.69		-2.28		
Initial LNAPL Level (m)		11:15	13.7	1242.00	0.41	7.13	-209.80	6.69		-5.28		
Well Headspace Reading (PID/FID)												
Purge Method (Give details in Notes section)	LowFlow											
Sampling Method (Give details in Notes section.)	Peristaltic											
Pump Intake Depth (m)	13.00											
Depth to Base (m)	13.49	Sampling Notes (e.g. oil/colour/odour), reasons if not monitored, include purge / sampling method if "Other" selected.					Clear, no odour , 16 sec to fill 40m vial					
DNAPL Present? (Y/N)	N	Sample Containers Obtained					2 x 1l Glass, 1 x 500ml Plastic, 1 x Yellow, 1 x Vial					
Initial DNAPL Level (m)		Sample Collection Time					11:16					

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		Groundwater Sampling Data Form			
		This form is also available for RSK Mobile Data Capture.			
Project Information	Project Name:		Dantzie Street		
	Project Number:		4328		
	Sampling Date:		20/08/2025	Sampled by:	MH
	Weather:		Overcast 20		
	Well Notes - e.g. Condition, access, safety:				
Monitoring Information	Water Quality Meter Used:		AQUA TROLL 500		
	Water Quality Meter Last Calibrated:		20/08/2025		
	Dissolved oxygen probe last calibrated:		20/08/2025		
	Water Level Meter Used (X that applicable):				
	Interface probe	X	Dip Meter		
					
	Typical Parameter Stabilisation Criteria for Low-Flow Sampling		Dissolved Oxygen (D.O.)		0.3 mg/l
			Specific Conductivity (Sp.Cond)		3%
p.H			0.1 unit		
Oxygen Reduction Potential (ORP)			10mV		
* For REDOX correction, see separate guidance					

BH ID	RBH504											
Measurement Datum Notes:	Top Of Cover (TOC), Ground Level (GL), Top Of Pipework (TOP). If 'Ground Level', the offset from datum to GL will be 0m. Record a positive offset if the datum is higher than GL or a negative offset if the datum is below GL. See figure above for definitions.											
Measurement Datum:	TOP								Offset from datum to GL (m):		0.5	
Start Time:	11:49	Time (HH:MM)	Temp (°C)	Sp.Cond (µS/cm)	D.O. (mg/l)	pH (units)	ORP (mV)	Depth to Water (m)	Turbidity (NTU)	Corr. REDOX (mV)	Notes / Flow (ml/min)	
Well Diameter (mm)	50											
Well Material	HDPE	11:58	14.7	1427.00	3.46	6.80	-87.50	5.43		116.18		
Initial Water Level (m)	5.42	12:01	15.0	1427.00	3.27	6.80	-77.60	5.43		126.08		
		12:04	15.1	1427.00	3.16	6.79	-76.70	5.43		126.98		
LNAPL Present? (Y/N)	N	12:07	15.2	1426.00	3.09	6.79	-75.80	5.43		127.88		
Initial LNAPL Level (m)		12:10	15.2	1425.00	3.04	6.79	-75.10	5.43		128.58		
Well Headspace Reading (PID/FID)												
Purge Method (Give details in Notes section)	LowFlow											
Sampling Method (Give details in Notes section)	Peristaltic											
Pump Intake Depth (m)	9.00											
Depth to Base (m)	9.18	Sampling Notes (e.g. oil/colour/odour), reasons if not monitored, include purge / sampling method if "Other" selected.					Cloudy, Reddish, no odour 46 sec to fill 40m vial					
DNAPL Present? (Y/N)	N	Sample Containers Obtained					2 x 1l Glass, 1 x 500ml Plastic, 1 x Yellow, 1 x Vial					
Initial DNAPL Level (m)		Sample Collection Time					12:11					

BH ID	RBH305											
Measurement Datum Notes:	Top Of Cover (TOC), Ground Level (GL), Top Of Pipework (TOP). If 'Ground Level', the offset from datum to GL will be 0m. Record a positive offset if the datum is higher than GL or a negative offset if the datum is below GL. See figure above for definitions.											
Measurement Datum:	TOP							Offset from datum to GL (m):		-0.01		
Start Time:	12:50	Time (HH:MM)	Temp (°C)	Sp.Cond (µS/cm)	D.O. (mg/l)	pH (units)	ORP (mV)	Depth to Water (m)	Turbidity (NTU)	Corr. REDOX (mV)	Notes / Flow (ml/min)	
Well Diameter (mm)	50									SmarrTroll	<Select Probe	
Well Material	HDPE	12:57	15.9	1559.00	2.69	6.92	-54.00	5.65		148.84		
		13:00	15.9	1564.00	2.43	6.92	-52.60	5.65		150.24		
Initial Water Level (m)	5.64	13:03	16.0	1554.00	2.26	6.92	-51.70	5.65		151.14		
LNAPL Present? (Y/N)	N	13:06	16.1	1551.00	2.19	6.92	-50.90	5.65		151.94		
Initial LNAPL Level (m)		13:09	16.1	1551.00	2.17	6.92	-50.50	5.65		152.34		
Well Headspace Reading (PID/FID)												
Purge Method (Give details in Notes section)	LowFlow											
Sampling Method (Give details in Notes section.)	Peristaltic											
Pump Intake Depth (m)	7.20											
Depth to Base (m)	7.44	Sampling Notes (e.g. oil/colour/odour), reasons if not monitored, include purge / sampling method if "Other" selected.					Translucent, Heavey Red brown sediment, 56 sec to fill 40m vial					
DNAPL Present? (Y/N)	N	Sample Containers Obtained					2 x 1l Glass, 1 x 500ml Plastic, 1 x Yellow, 1 x Vial					
Initial DNAPL Level (m)		Sample Collection Time					13:10					

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BH ID												
Measurement Datum Notes:	Top Of Cover (TOC), Ground Level (GL), Top Of Pipework (TOP). If 'Ground Level', the offset from datum to GL will be 0m. Record a positive offset if the datum is higher than GL or a negative offset if the datum is below GL. See figure above for definitions.											
Measurement Datum:								Offset from datum to GL (m):				
Start Time:		Time (HH:MM)	Temp (°C)	Sp.Cond (µS/cm)	D.O. (mg/l)	pH (units)	ORP (mV)	Depth to Water (m)	Turbidity (NTU)	Corr. REDOX (mV)	Notes / Flow (ml/min)	
Well Diameter (mm)										Aquaread	<Select Probe	
Well Material												
Initial Water Level (m)												
LNAPL Present? (Y/N)												
Initial LNAPL Level (m)												
Well Headspace Reading (PID/FID)												
Purge Method (Give details in Notes section)												
Sampling Method (Give details in Notes section.)												
Pump Intake Depth (m)												
Depth to Base (m)		Sampling Notes (e.g. oil/colour/odour), reasons if not monitored, include purge / sampling method if "Other" selected.										
DNAPL Present? (Y/N)		Sample Containers Obtained										
Initial DNAPL Level (m)		Sample Collection Time										

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NB: classifications below are based on professional judgment and the s

[illegible]

References:

Environment Agency Report R&D95, 2000. Guidance on the Assessment and Monitoring of Natural Attenuation of Contaminants in Aquifers.

Environment Agency Report P2-228/TR, 2002. The Effects of Contaminant Concentration on Potential for Natural Attenuation.

sources quoted.

R&D P2-228/TR
al judgement
R&D P2-228/TR and R&D95
al judgement

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al Attenuation

BH I.D.	Easting	Northing	Ground Level (mAOD)	Drilled Depth (mbgl)	Drilled Depth (mAOD)	Response zone from (mbgl)	Response zone to (mbgl)	Response zone from (mAOD)	Response zone to (mAOD)	Lithology at response zone	Date	Height of measuring point (magl / mbgl)	Height of measuring point (mAOD)	DTW from measuring point (mbgl)	DTW from ground level (mbgl)	Hydraulic Head (mAOD)
LKBH01	384593.48	399443.85	31.41	15.00	16.41	5.00	15.00	26.41	16.41	CF & MM	20/08/2025	0.17	31.58	4.71	4.54	26.87
RBH203	384618.25	399396.81	33.56	19.50	14.06	10.00	15.00	23.56	18.56	CF	20/08/2025	0.62	34.18	7.64	7.02	26.54
RBH305	384634.50	399466.27	32.05	20.00	12.05	5.00	9.00	27.05	23.05	CF	20/08/2025	-0.01	32.04	5.64	5.65	26.40
RBH501	384631.84	399390.90	33.64	16.00	17.64	4.50	15.00	29.14	18.64	CF	20/08/2025	0.56	34.20	6.68	6.12	27.52
RBH502 P1	384604.49	399389.90	33.49	20.30	13.19	5.50	18.30	27.99	15.19	CF	20/08/2025	0.84	34.33	6.66	5.82	27.67
RBH503	384616.00	399448.08	31.65	12.50	19.15	5.00	10.00	26.65	21.65	CF	20/08/2025	0.09	31.74	5.06	4.97	26.68
RBH504	384644.99	399416.28	34.17	14.50	19.67	4.50	11.95	29.67	22.22	CF	20/08/2025	0.50	34.67	5.42	4.92	29.25
RBH505	384585.91	399449.79	31.32	14.50	16.82	4.50	11.80	26.82	19.52	CF	20/08/2025	-0.10	31.22	4.66	4.76	26.56
LK BH01	384593.48	399443.85	31.41	15.00	16.41	5.00	15.00	26.41	16.41	CF & MM	23/07/2025	0.14	31.55	4.68	4.54	26.87
RBH203	384618.25	399396.81	33.56	19.50	14.06	10.00	15.00	23.56	18.56	CF	23/07/2025	1.00	34.56	6.72	5.72	27.84
RBH305	384634.50	399466.27	32.05	20.00	12.05	5.00	9.00	27.05	23.05	CF	23/07/2025	0.61	32.66	5.6	4.99	27.06
RBH501	384631.84	399390.90	33.64	16.00	17.64	4.50	15.00	29.14	18.64	CF	23/07/2025	0.63	34.27	6.66	6.03	27.61
RBH502 P1	384604.49	399389.90	33.49	20.30	13.19	5.50	18.30	27.99	15.19	CF	23/07/2025	0.84	34.33	6.59	5.75	27.74
RBH503	384616.00	399448.08	31.65	12.50	19.15	5.00	10.00	26.65	21.65	CF	23/07/2025	0.19	31.84	5.03	4.84	26.81
RBH504	384644.99	399416.28	34.17	14.50	19.67	4.50	11.95	29.67	22.22	CF	23/07/2025	0.14	34.31	5.38	5.24	28.93
RBH505	384585.91	399449.79	31.32	14.50	16.82	4.50	11.80	26.82	19.52	CF	23/07/2025	0.10	31.42	4.65	4.55	26.77
LK BH01	384593.48	399443.85	31.41	15.00	16.41	5.00	15.00	26.41	16.41	CF & MM	24/06/2025	0.70	32.11	4.64	3.94	27.47
RBH203	384618.25	399396.81	33.56	19.50	14.06	10.00	15.00	23.56	18.56	CF	24/06/2025	1.00	34.56	7.72	6.72	26.84
RBH305	384634.50	399466.27	32.05	20.00	12.05	5.00	9.00	27.05	23.05	CF	24/06/2025	0.61	32.66	5.58	4.97	27.08
RBH501	384631.84	399390.90	33.64	16.00	17.64	4.50	15.00	29.14	18.64	CF	24/06/2025	0.58	34.22	6.61	6.03	27.61
RBH502 P1	384604.49	399389.90	33.49	20.30	13.19	5.50	18.30	27.99	15.19	CF	24/06/2025	0.90	34.39	6.52	5.62	27.87
RBH503	384616.00	399448.08	31.65	12.50	19.15	5.00	10.00	26.65	21.65	CF	24/06/2025	0.19	31.84	4.98	4.79	26.86
RBH504	384644.99	399416.28	34.17	14.50	19.67	4.50	11.95	29.67	22.22	CF	24/06/2025	0.63	34.80	5.33	4.7	29.47
RBH505	384585.91	399449.79	31.32	14.50	16.82	4.50	11.80	26.82	19.52	CF	24/06/2025	0.10	31.42	4.61	4.51	26.81
LK BH01	384593.48	399443.85	31.41	15.00	16.41	5.00	15.00	26.41	16.41	CF & MM	29/05/2025	0.70	32.11	4.63	3.93	27.48
RBH203	384618.25	399396.81	33.56	19.50	14.06	10.00	15.00	23.56	18.56	CF	29/05/2025	1.00	34.56	6.66	5.66	27.90
RBH305	384634.50	399466.27	32.05	20.00	12.05	5.00	9.00	27.05	23.05	CF	29/05/2025	0.57	32.62	5.51	4.94	27.11
RBH501	384631.84	399390.90	33.64	16.00	17.64	4.50	15.00	29.14	18.64	CF	29/05/2025	0.58	34.22	6.55	5.97	27.67
RBH502 P1	384604.49	399389.90	33.49	20.30	13.19	5.50	18.30	27.99	15.19	CF	29/05/2025	0.84	34.33	6.62	5.78	27.71
RBH503	384616.00	399448.08	31.65	12.50	19.15	5.00	10.00	26.65	21.65	CF	29/05/2025	0.16	31.81	4.97	4.81	26.84
RBH504	384644.99	399416.28	34.17	14.50	19.67	4.50	11.95	29.67	22.22	CF	29/05/2025	0.63	34.80	5.34	4.71	29.46
RBH505	384585.91	399449.79	31.32	14.50	16.82	4.50	11.80	26.82	19.52	CF	29/05/2025	0.10	31.42	4.6	4.5	26.82



COMPLEX CHALLENGES ...
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APPENDIX D – GROUNDWATER FACTUAL DATA OUTPUT

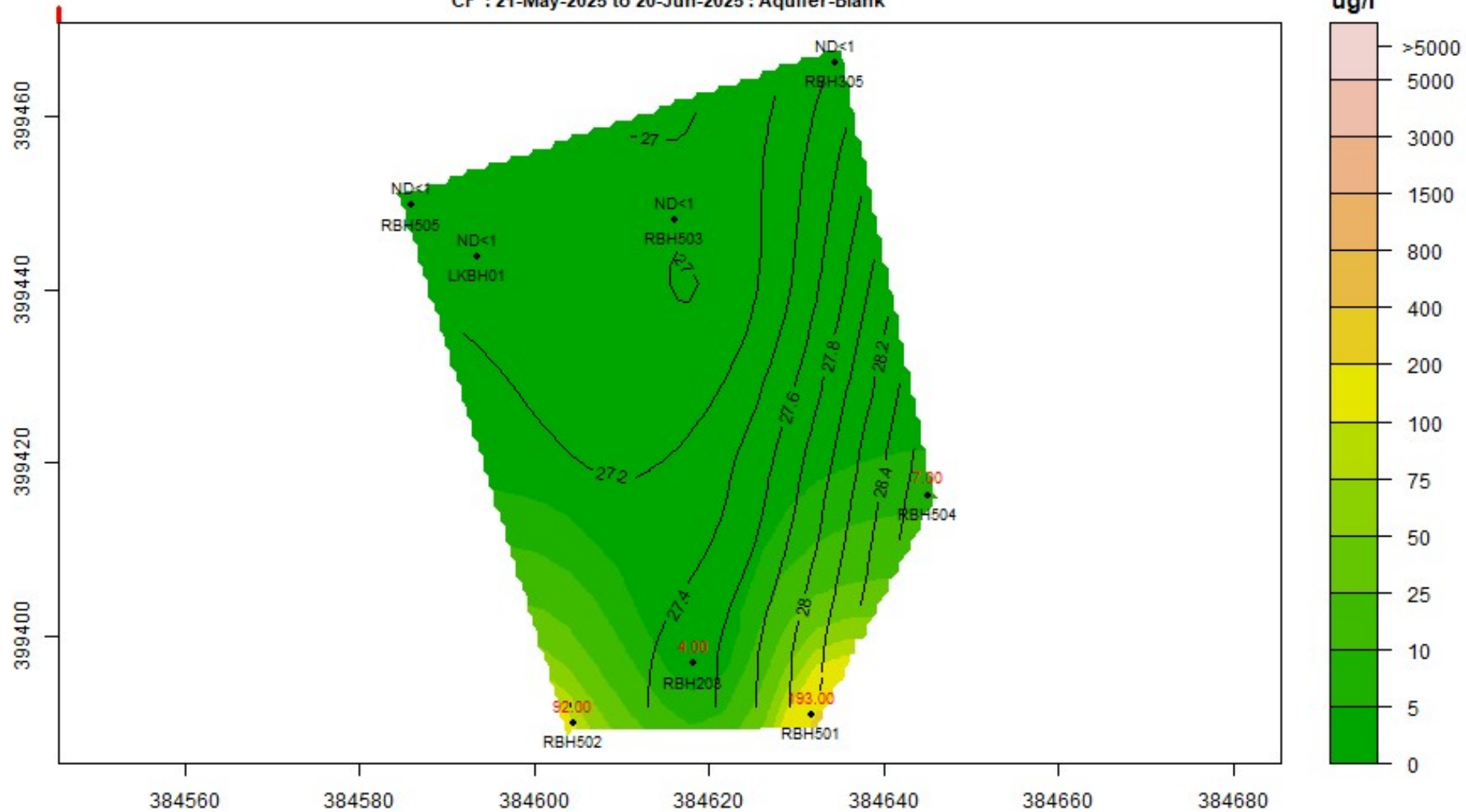
1 of 1



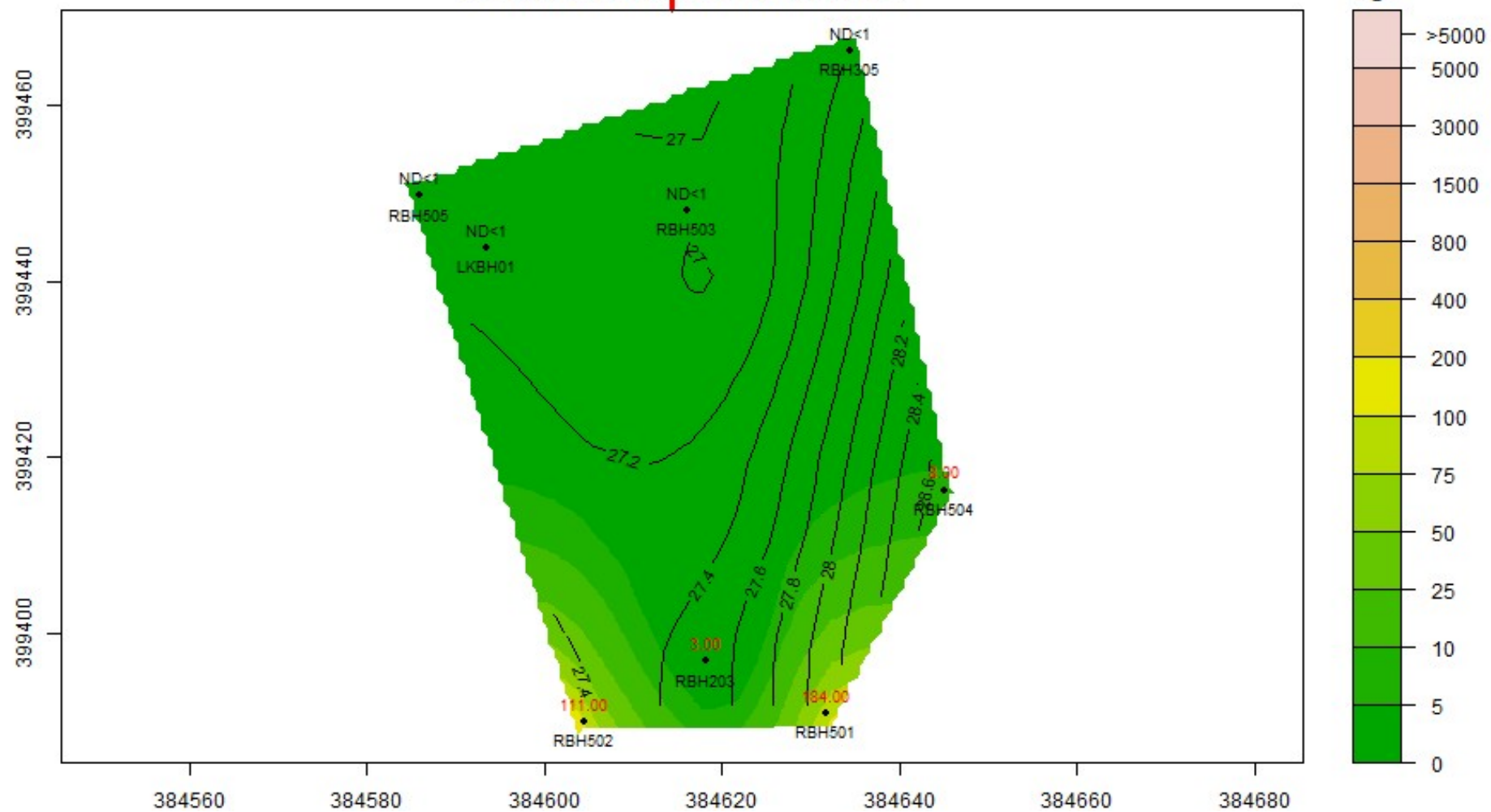
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APPENDIX E – GWSDAT PLOTS

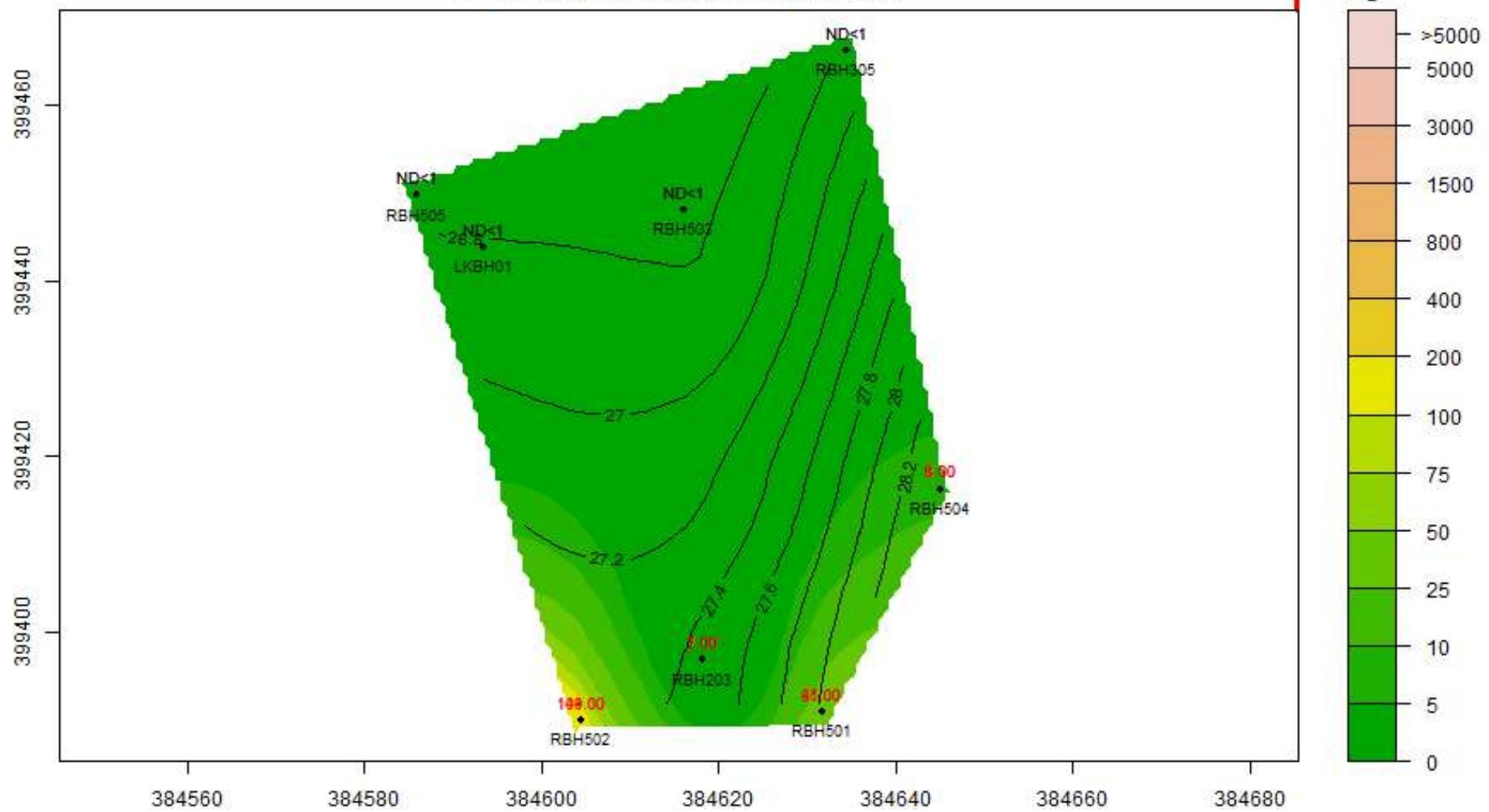
CF : 21-May-2025 to 20-Jun-2025 : Aquifer-Blank



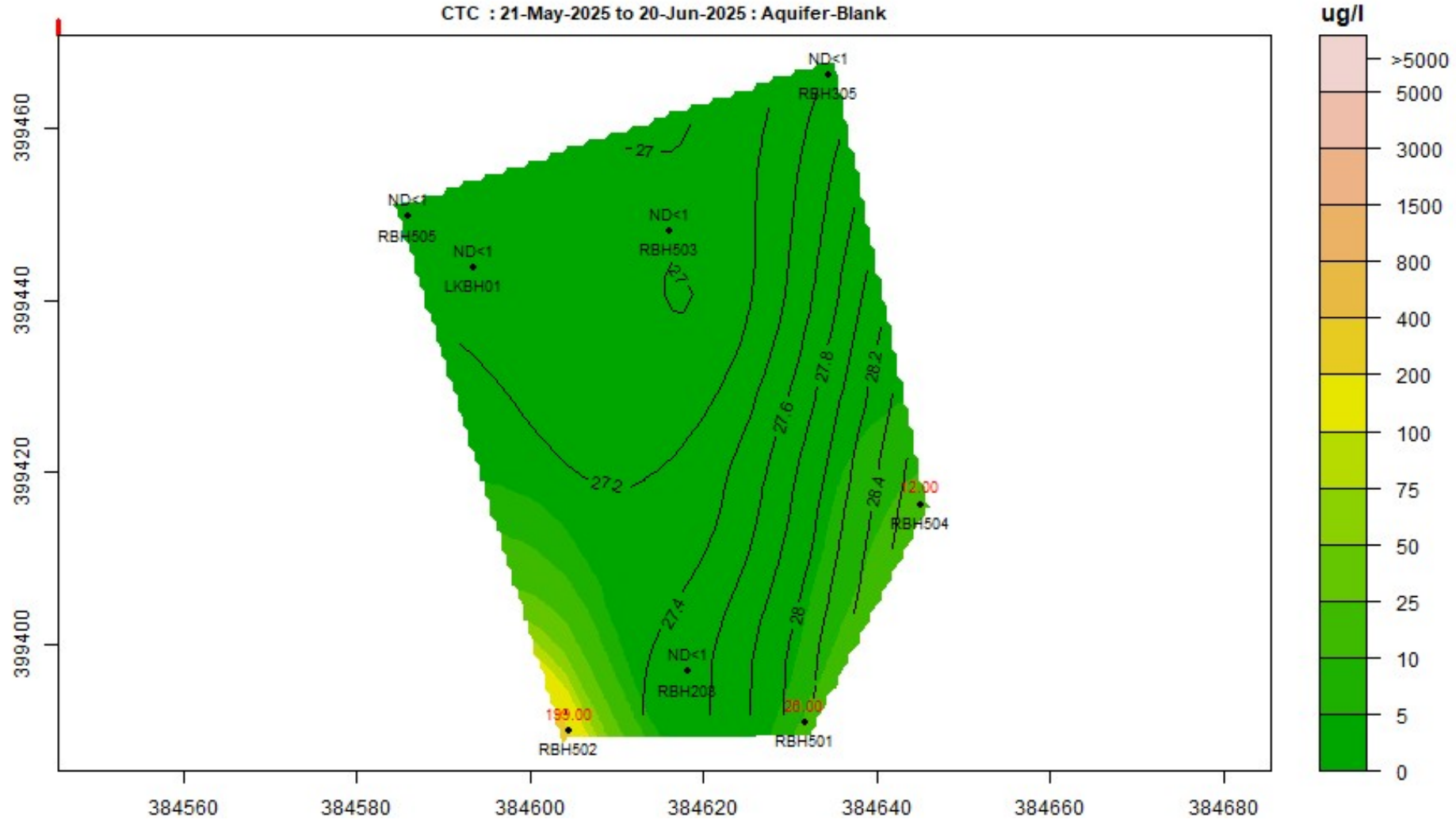
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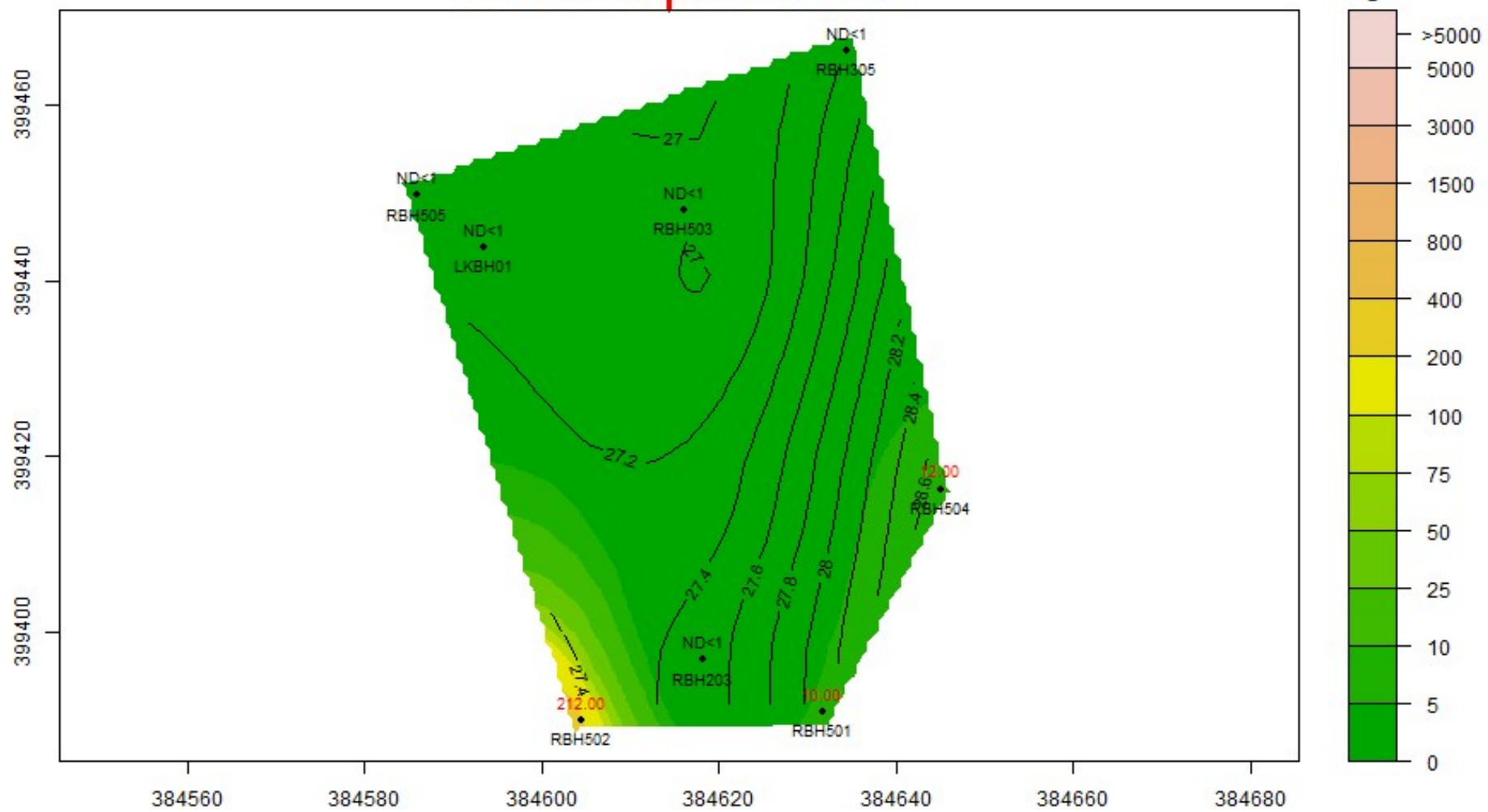
CF : 21-Jul-2025 to 20-Aug-2025 : Aquifer-Blank



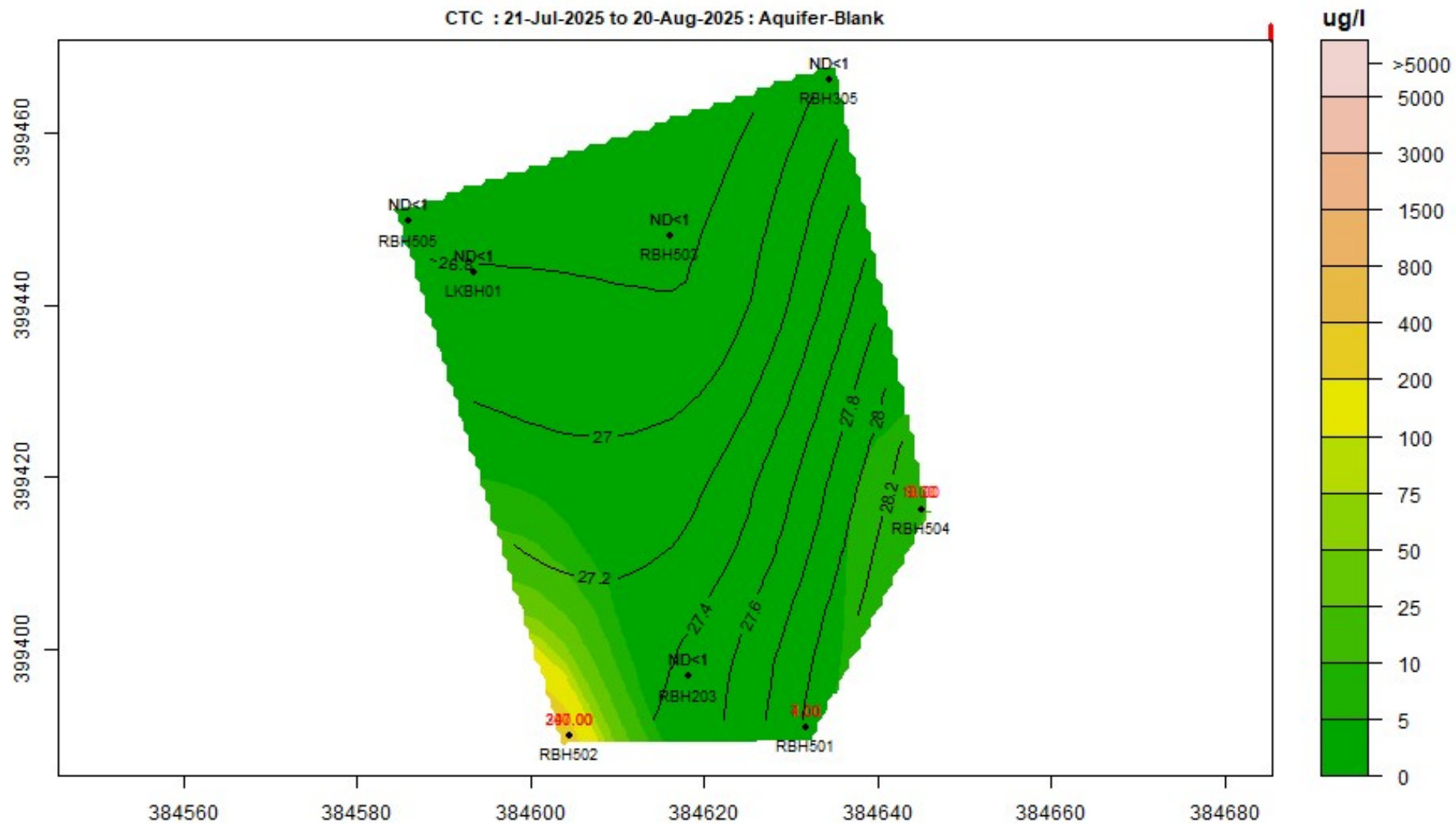
CTC : 21-May-2025 to 20-Jun-2025 : Aquifer-Blank



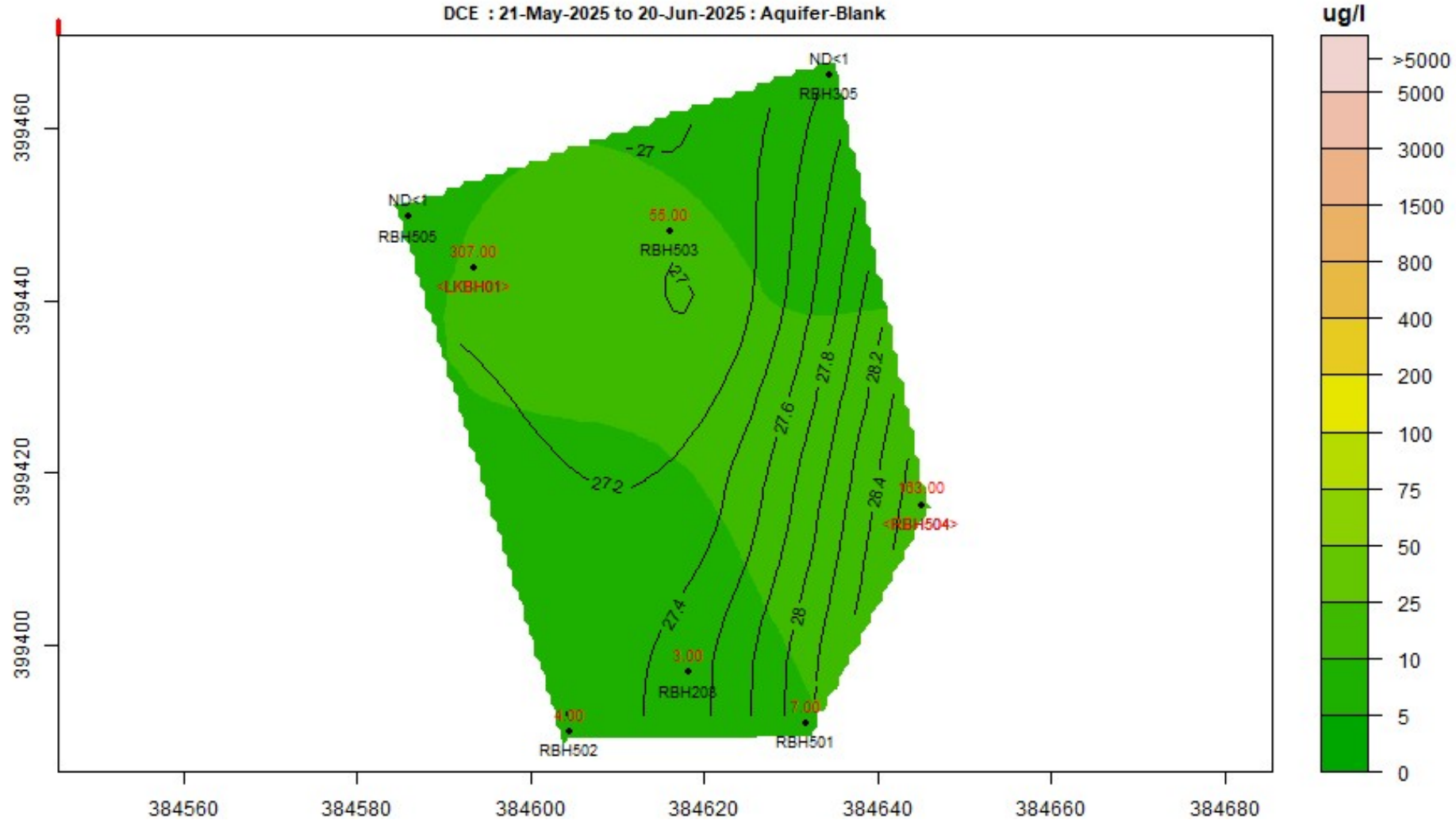
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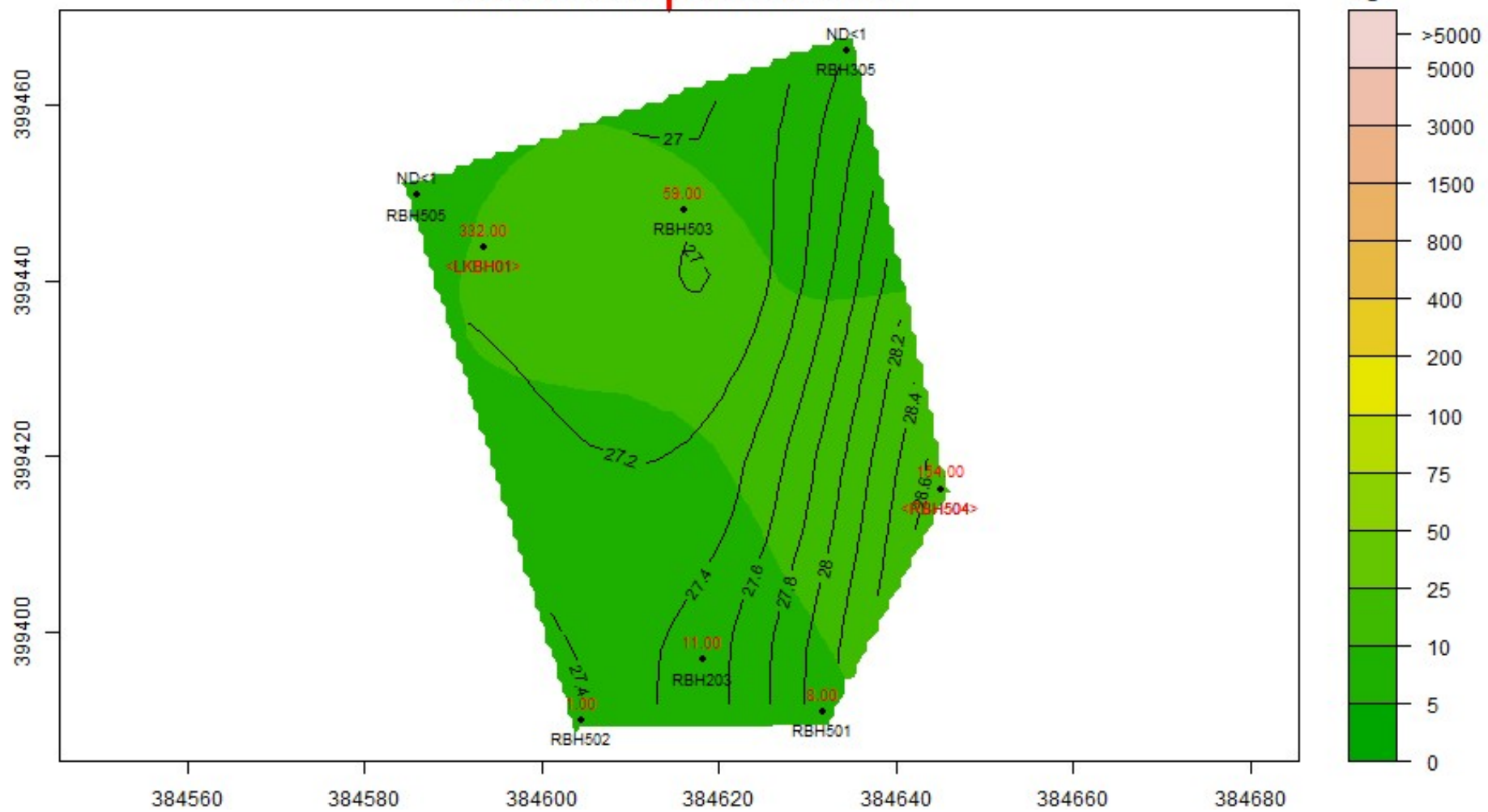
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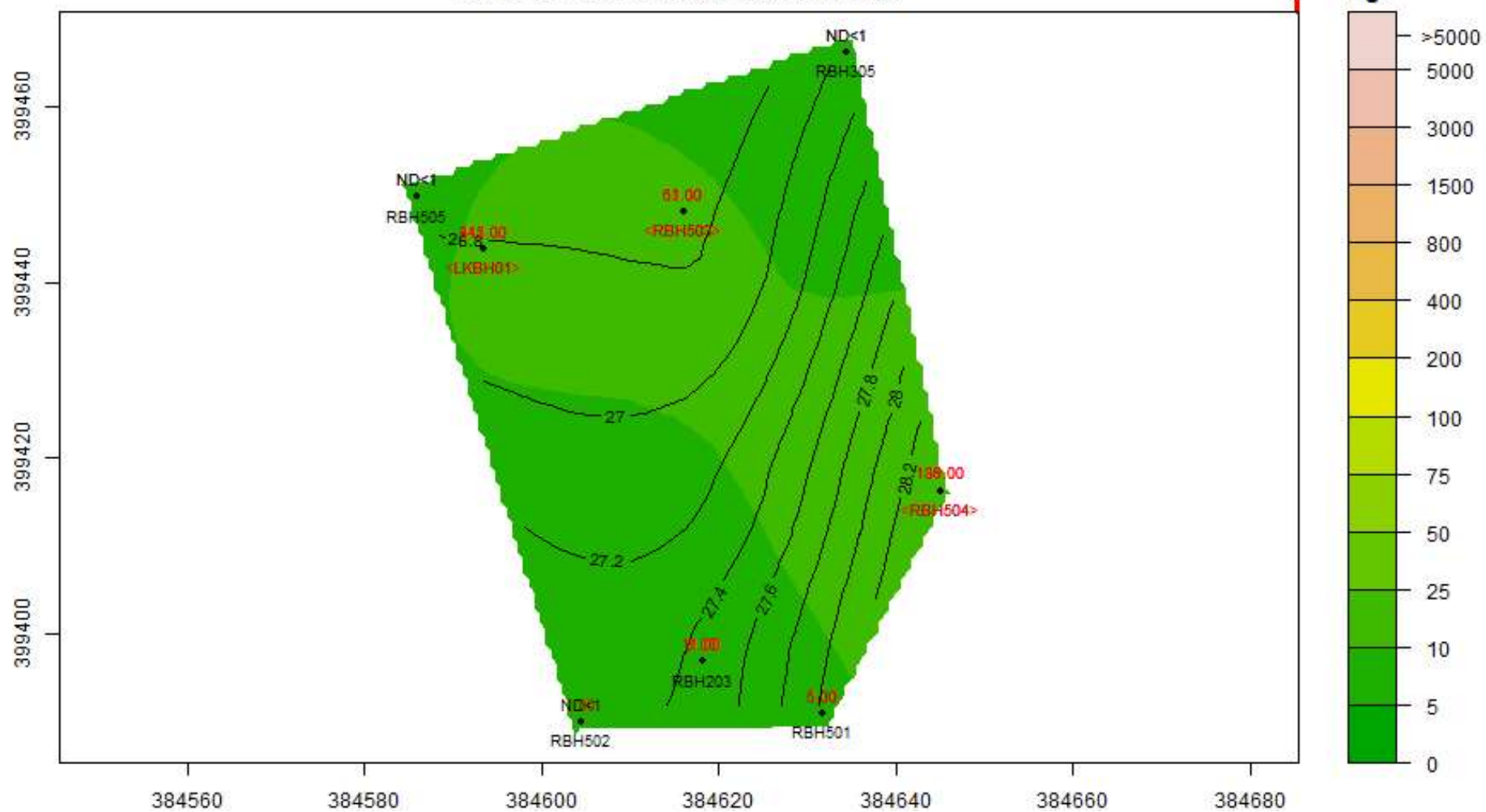
DCE : 21-May-2025 to 20-Jun-2025 : Aquifer-Blank



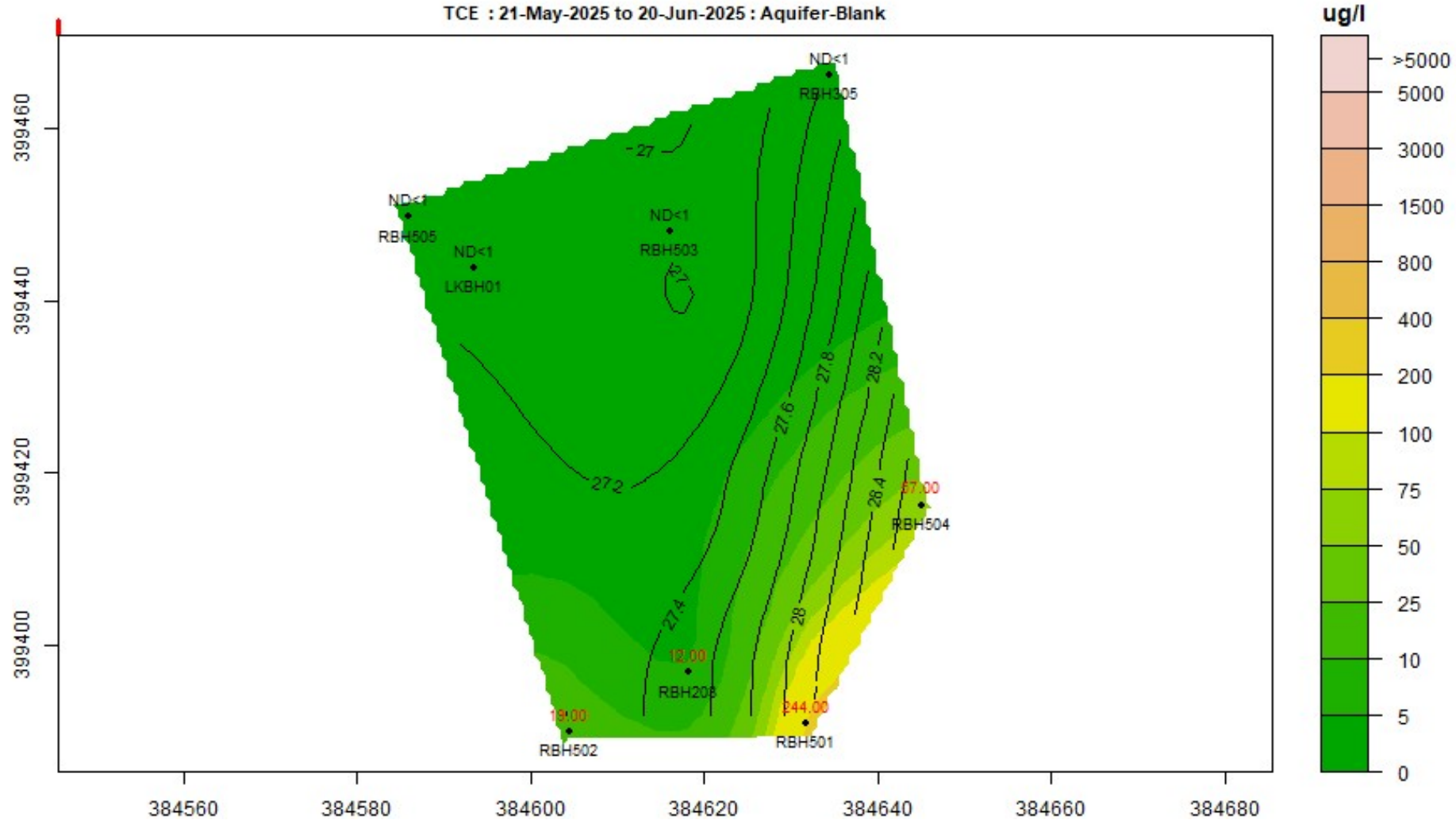
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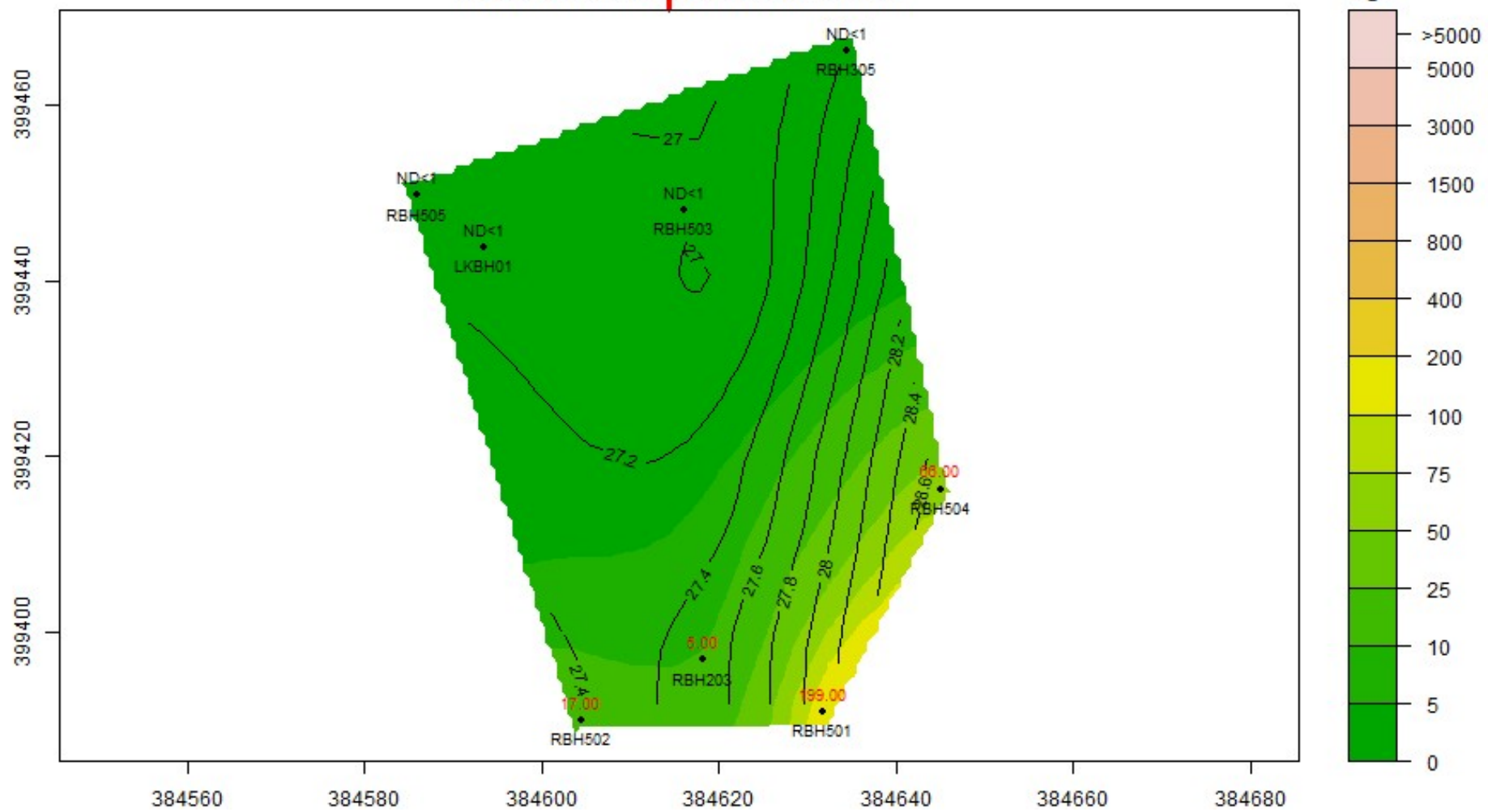
DCE : 21-Jul-2025 to 20-Aug-2025 : Aquifer-Blank



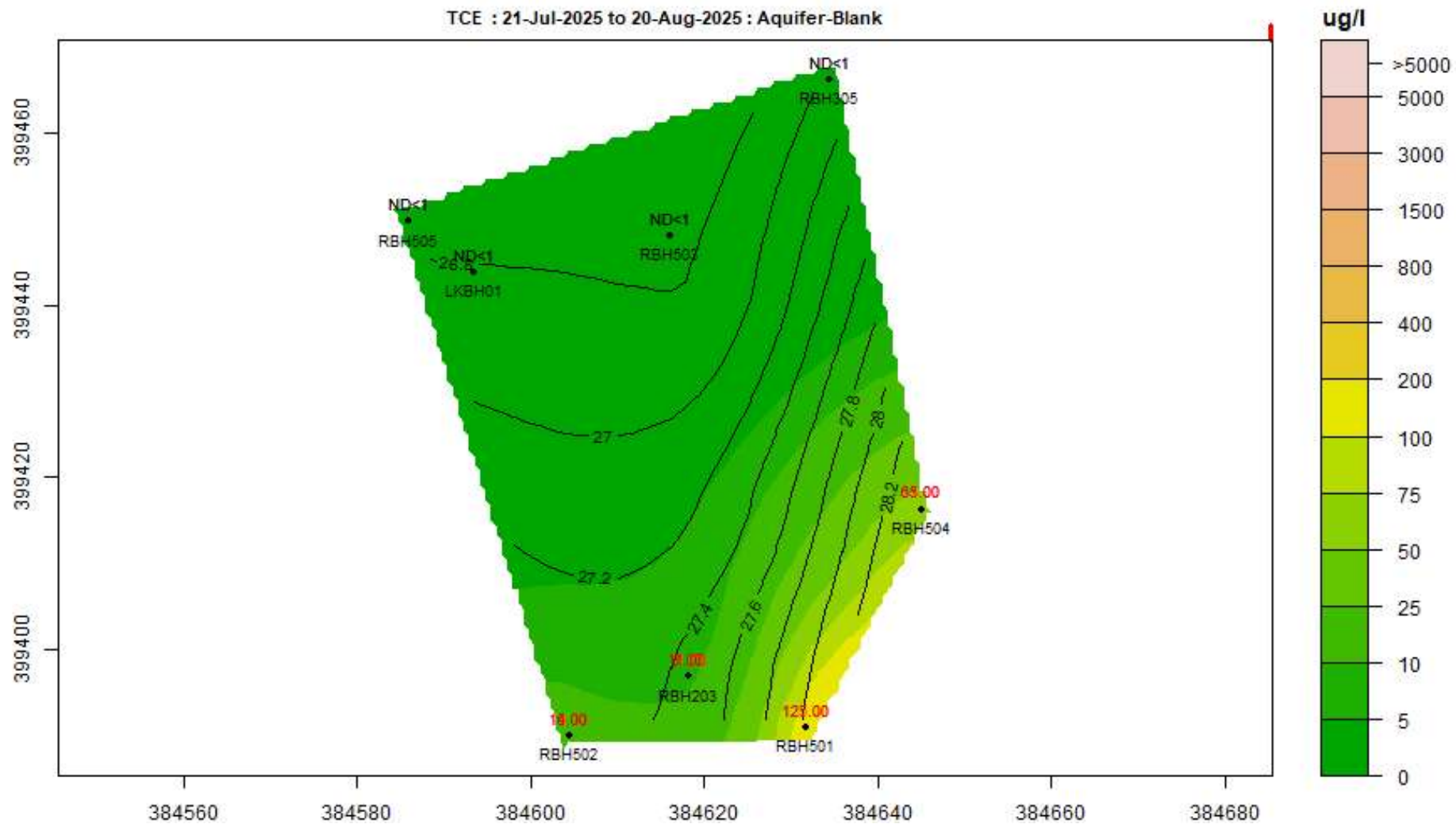
TCE : 21-May-2025 to 20-Jun-2025 : Aquifer-Blank



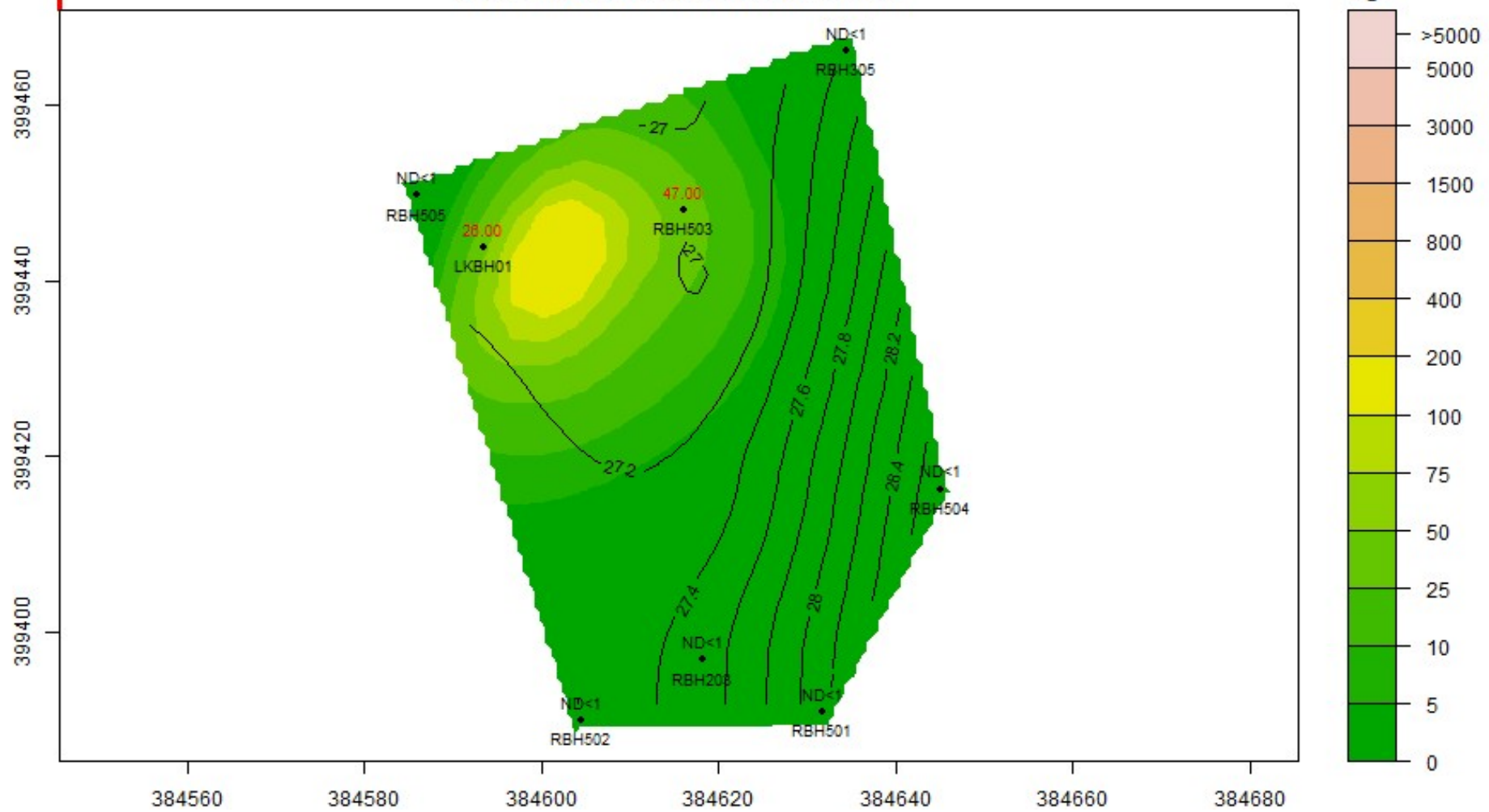
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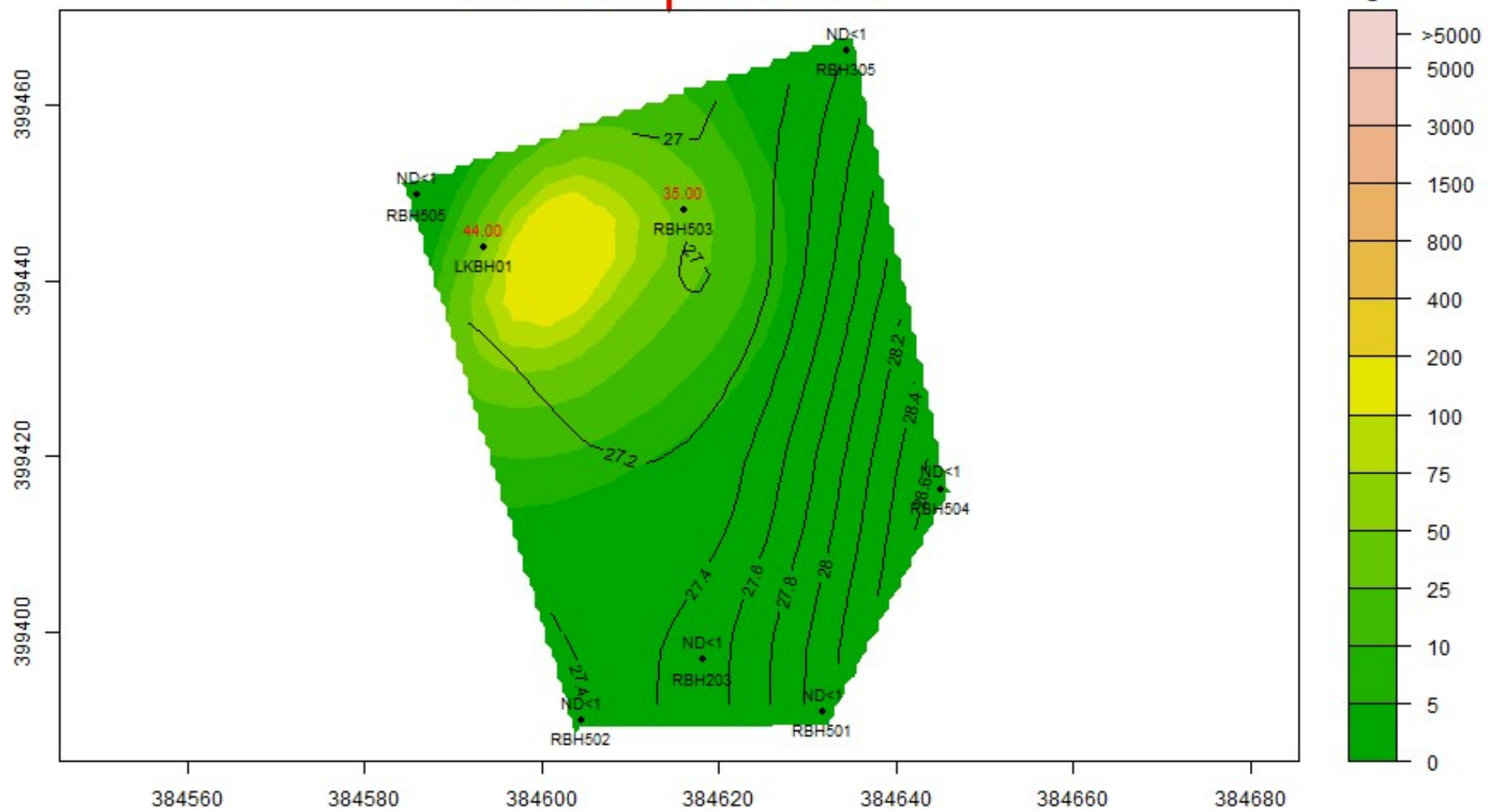
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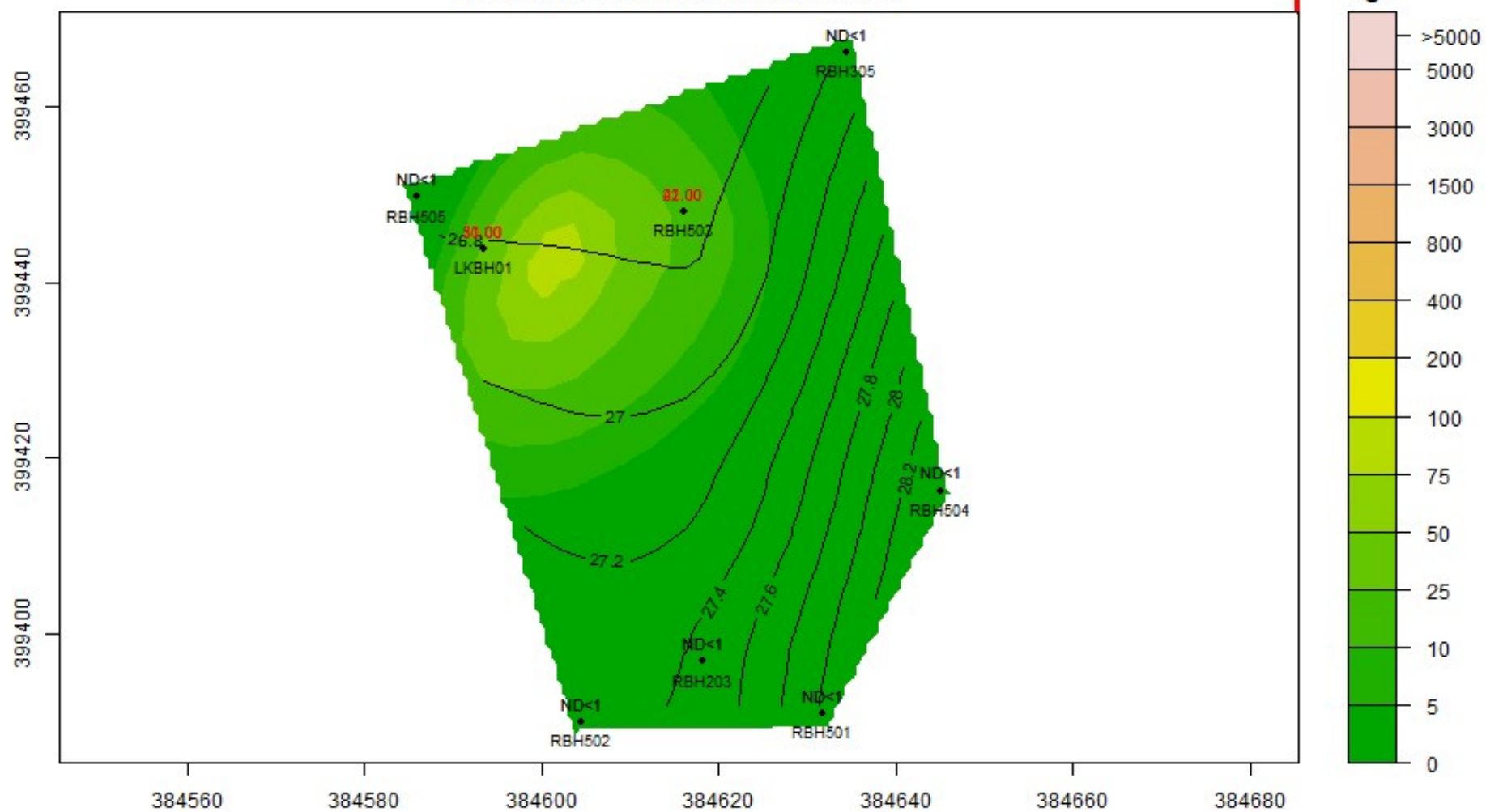
VC : 21-May-2025 to 20-Jun-2025 : Aquifer-Blank



VC : 21-Jun-2025 to 20-Jul-2025 : Aquifer-Blank

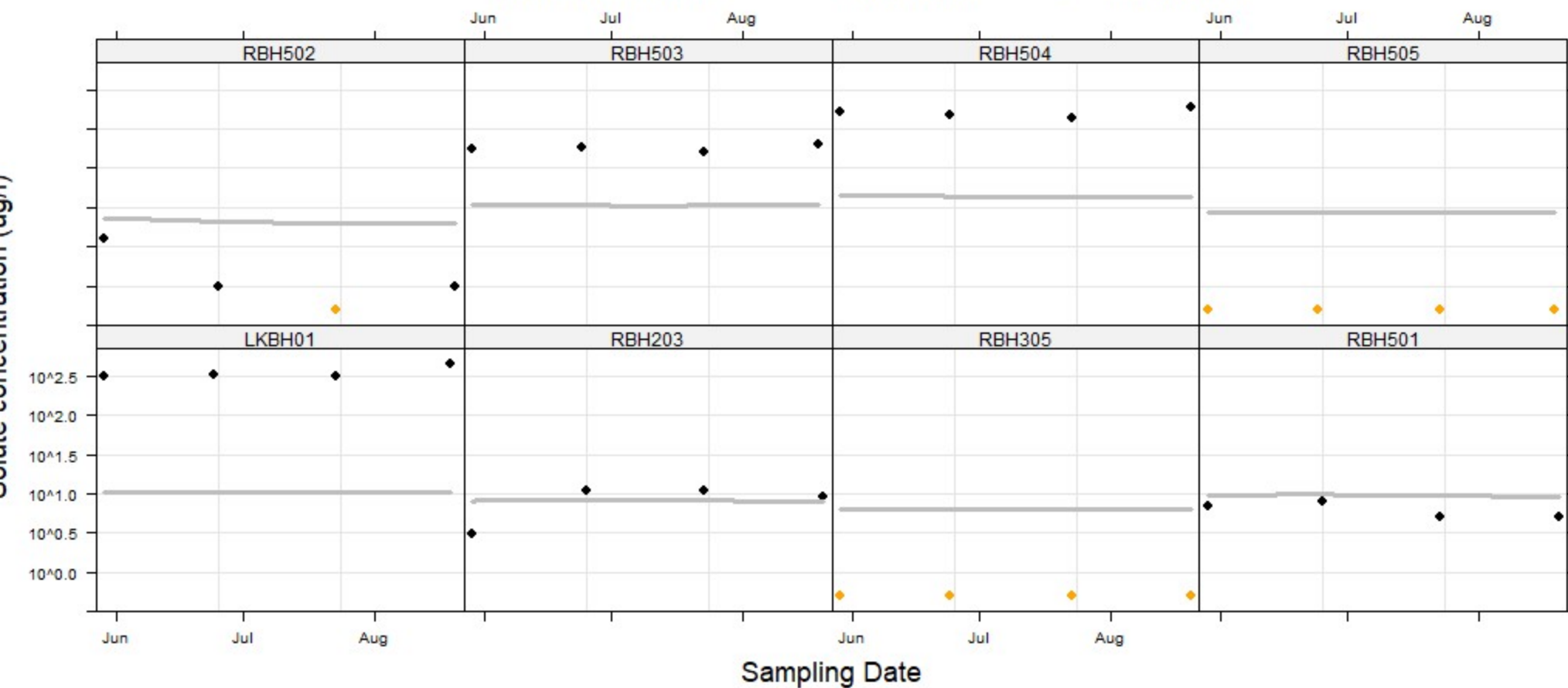


VC : 21-Jul-2025 to 20-Aug-2025 : Aquifer-Blank



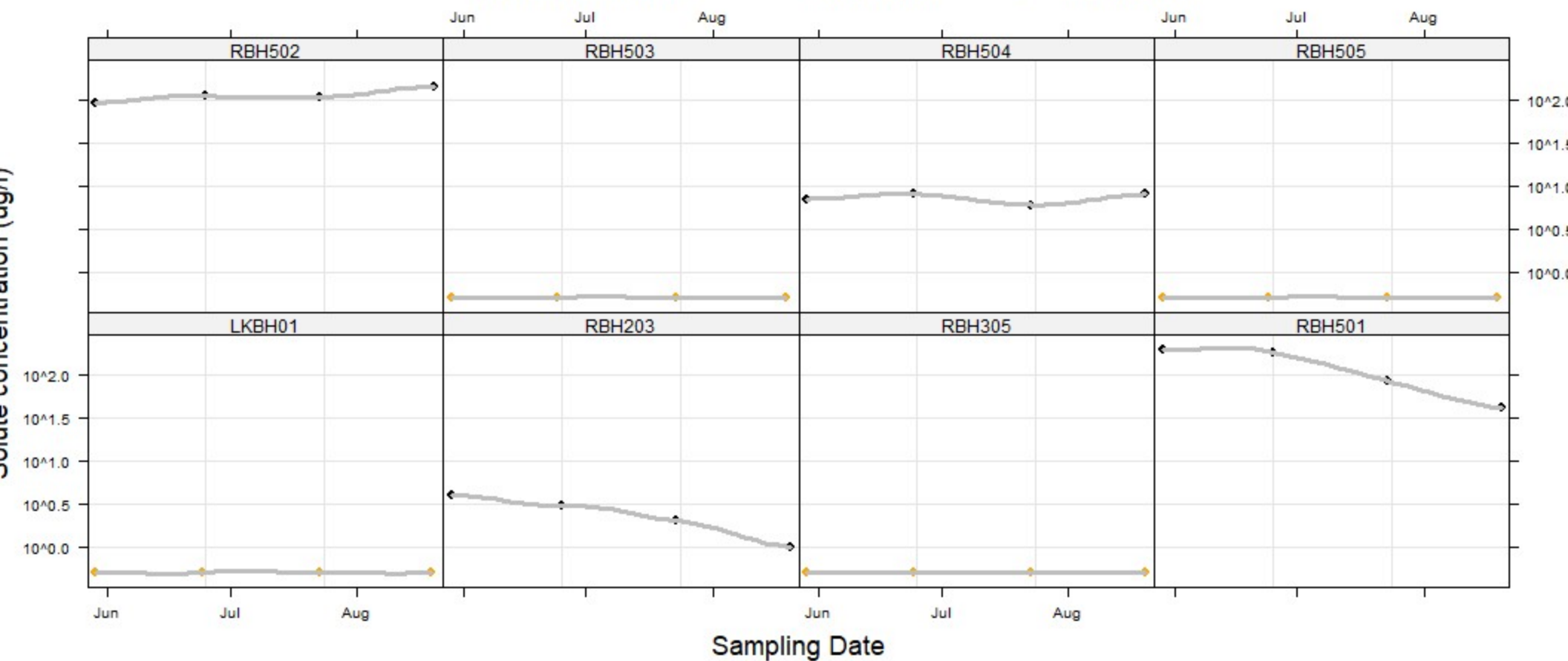
Spatiotemporal Predictions for DCE at Plot NT02-04: Aquifer-Blank

— Spatiotemporal Prediction • Detectable Data • Non-Detect Data



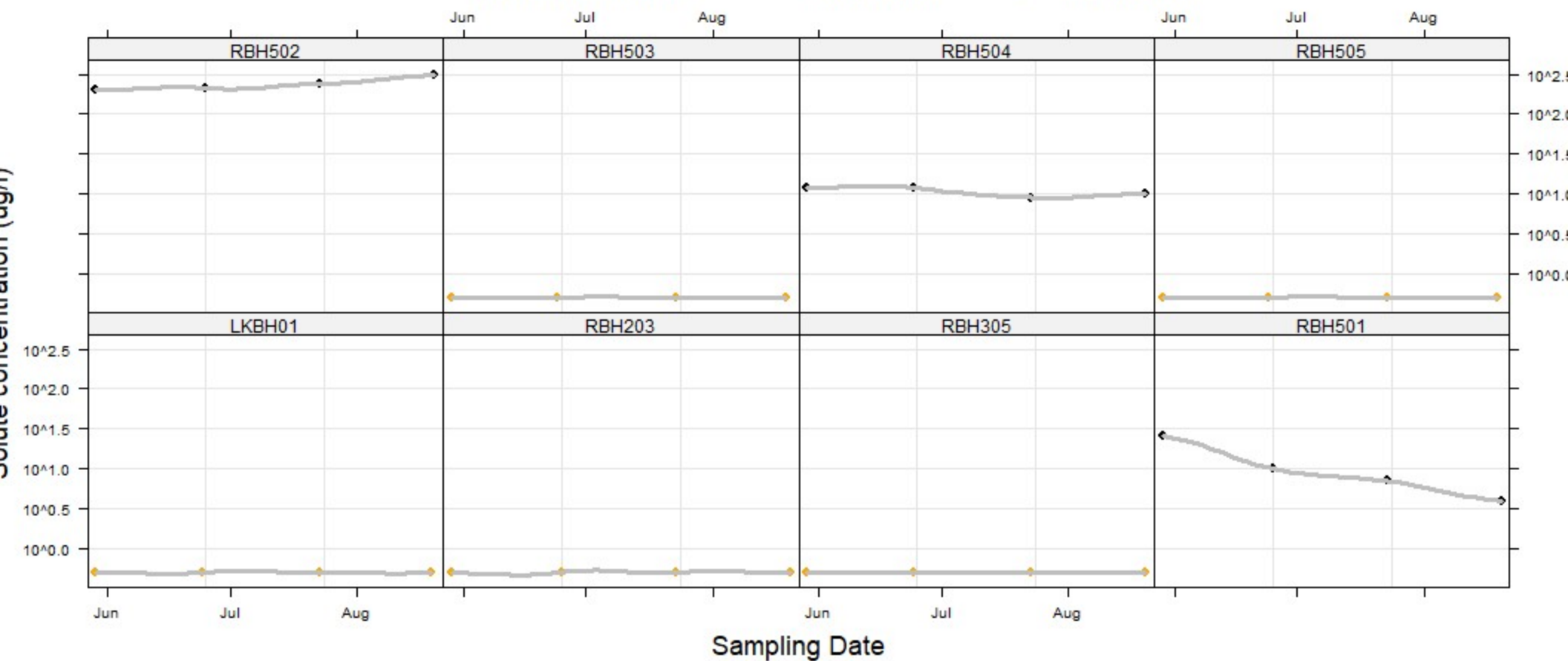
Spatiotemporal Predictions for CF at Plot NT02-04: Aquifer-Blank

— Spatiotemporal Prediction • Detectable Data • Non-Detect Data



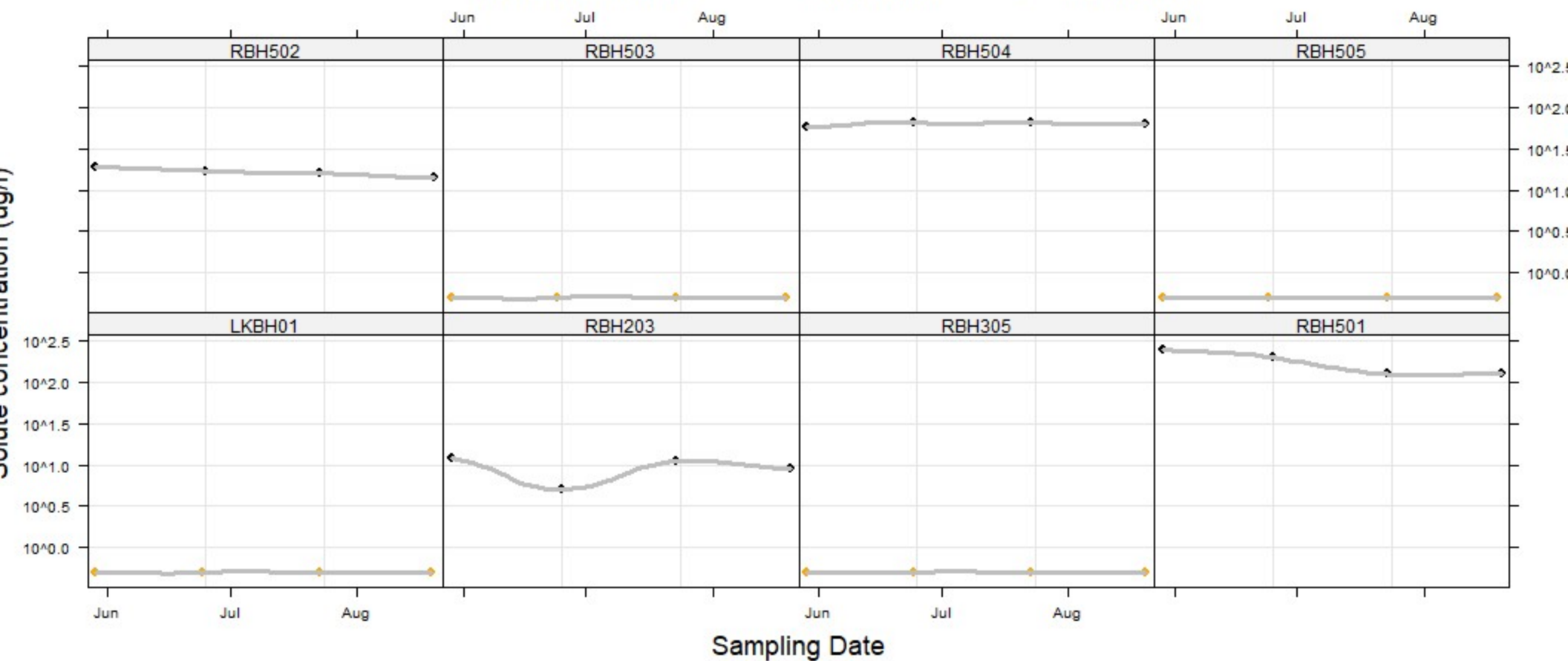
Spatiotemporal Predictions for CTC at Plot NT02-04: Aquifer-Blank

— Spatiotemporal Prediction • Detectable Data • Non-Detect Data



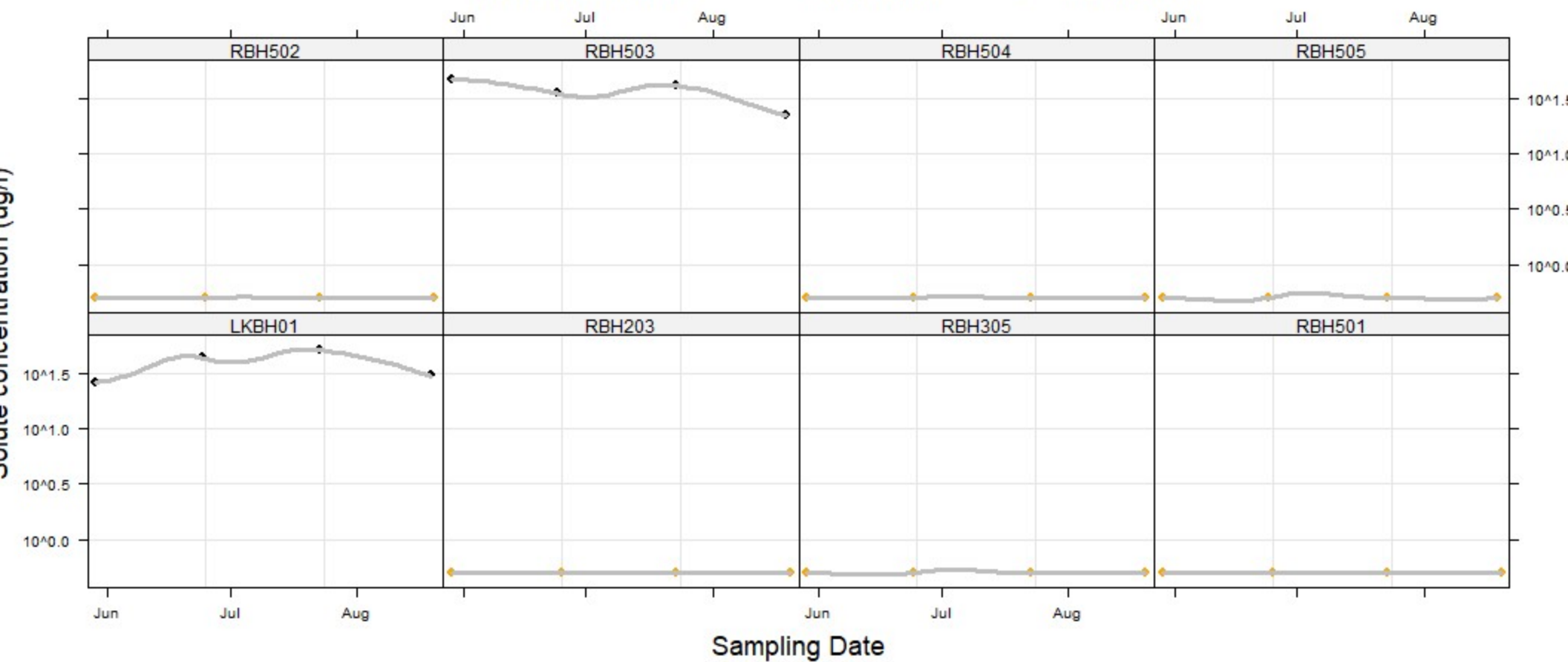
Spatiotemporal Predictions for TCE at Plot NT02-04: Aquifer-Blank

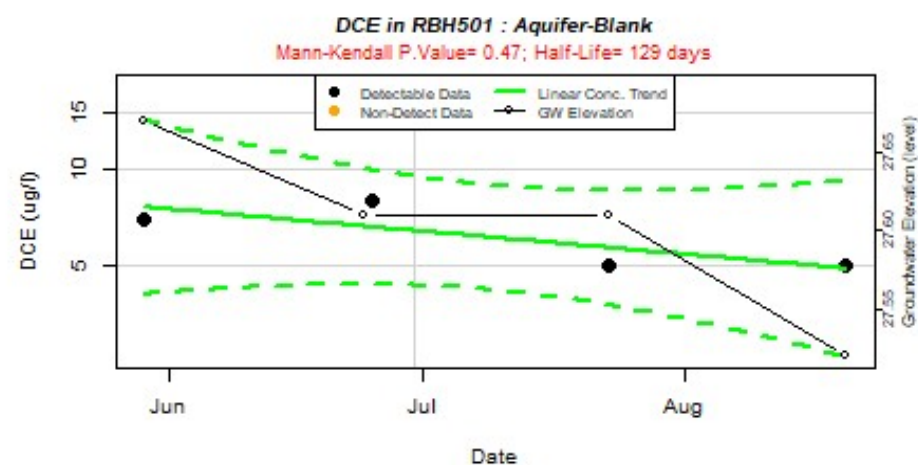
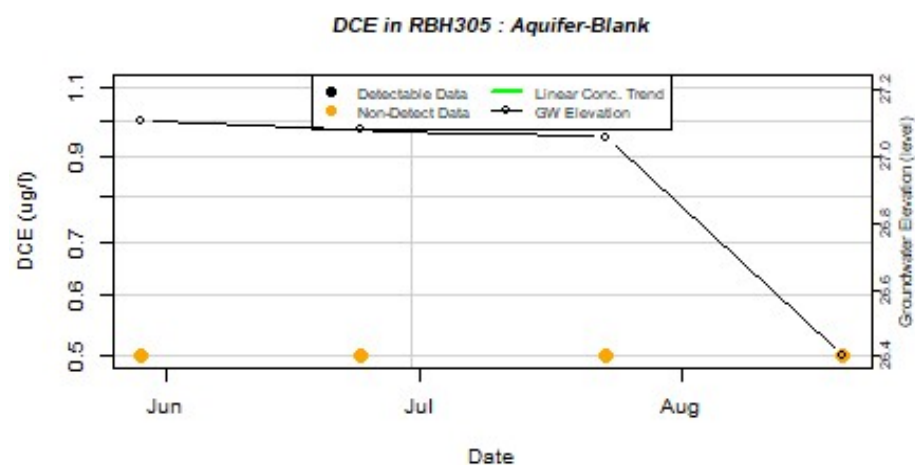
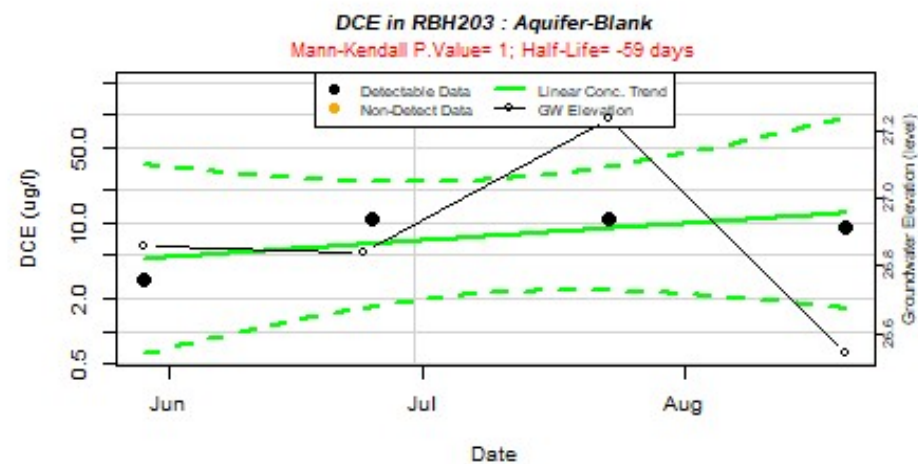
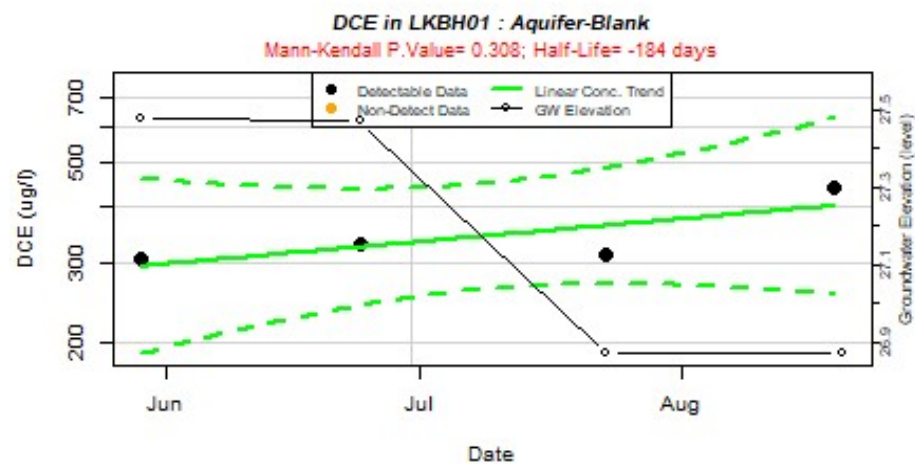
— Spatiotemporal Prediction • Detectable Data • Non-Detect Data

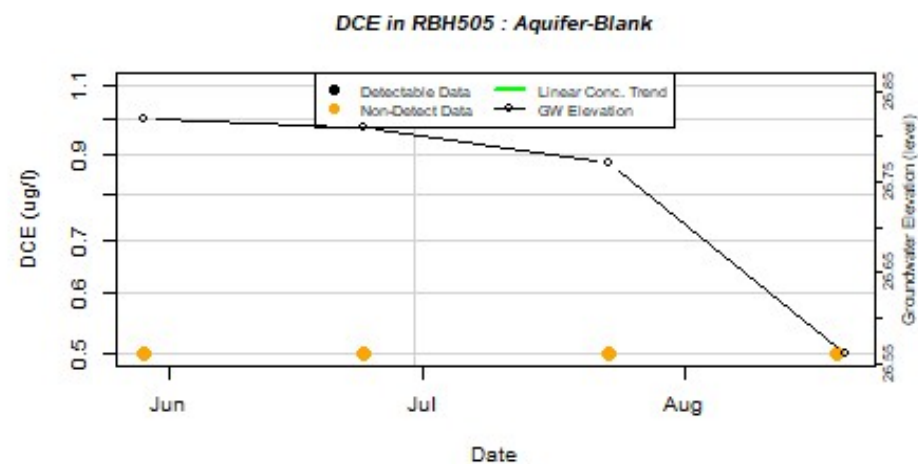
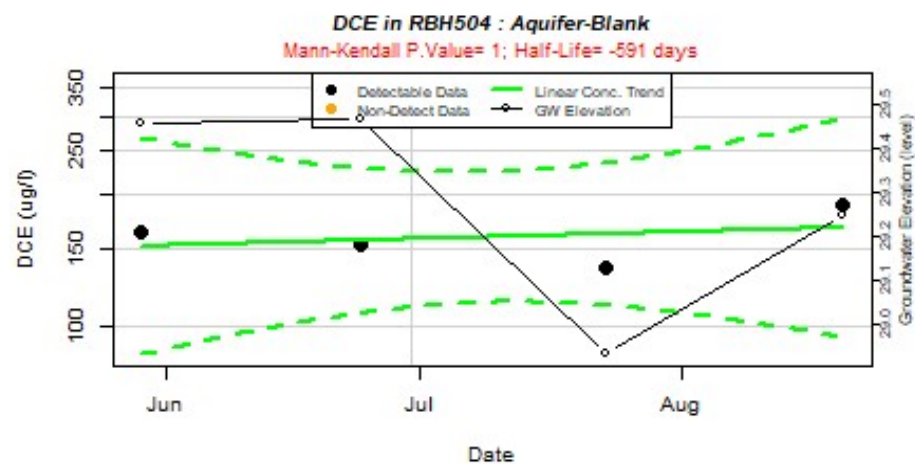
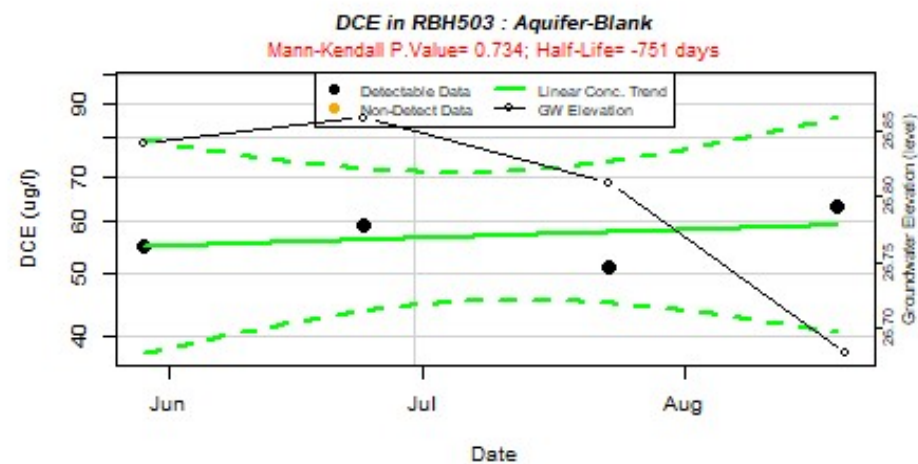
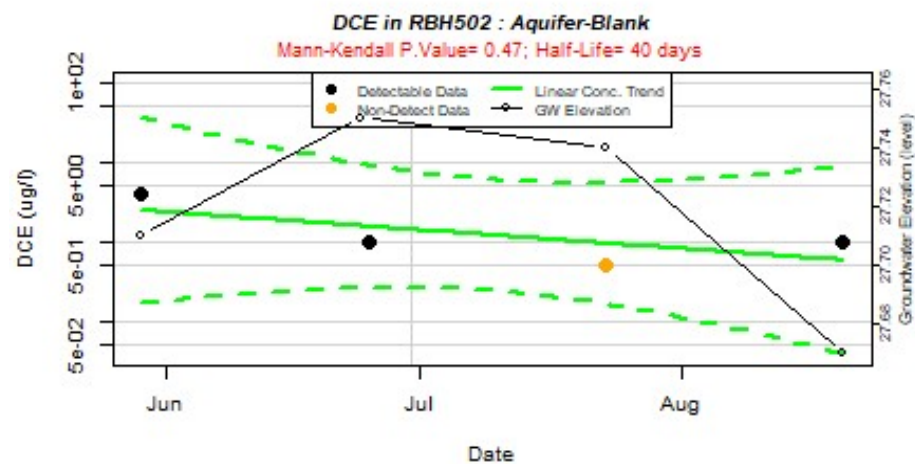


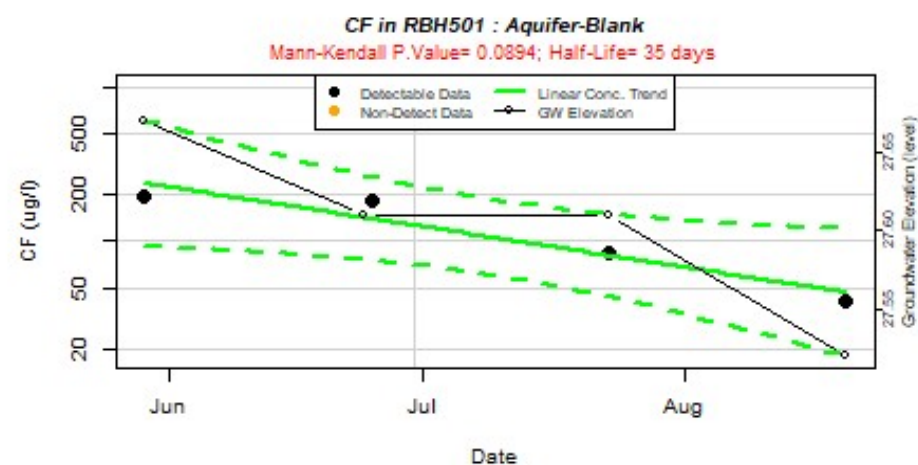
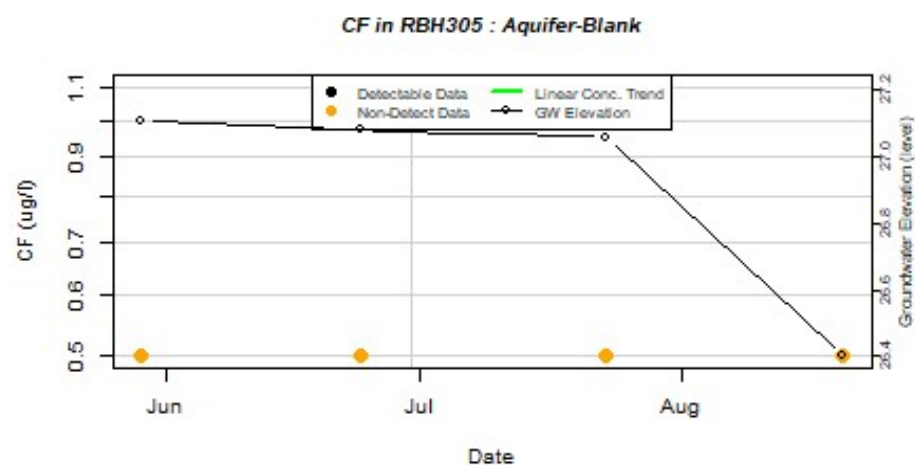
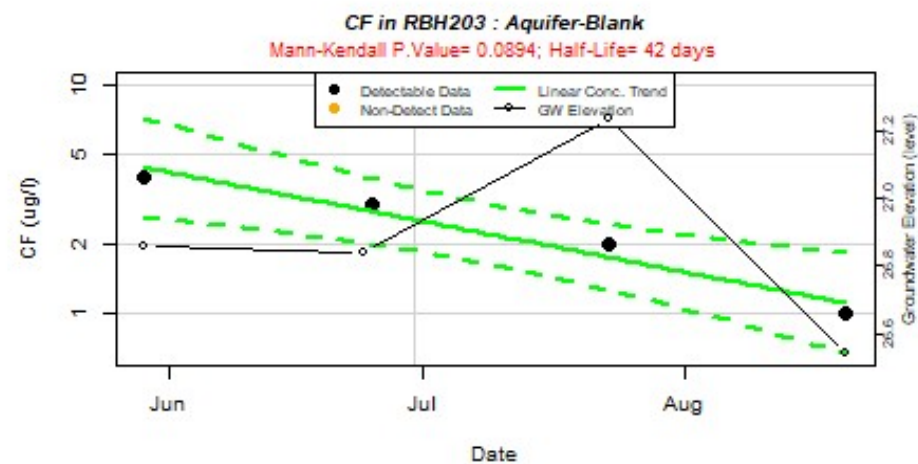
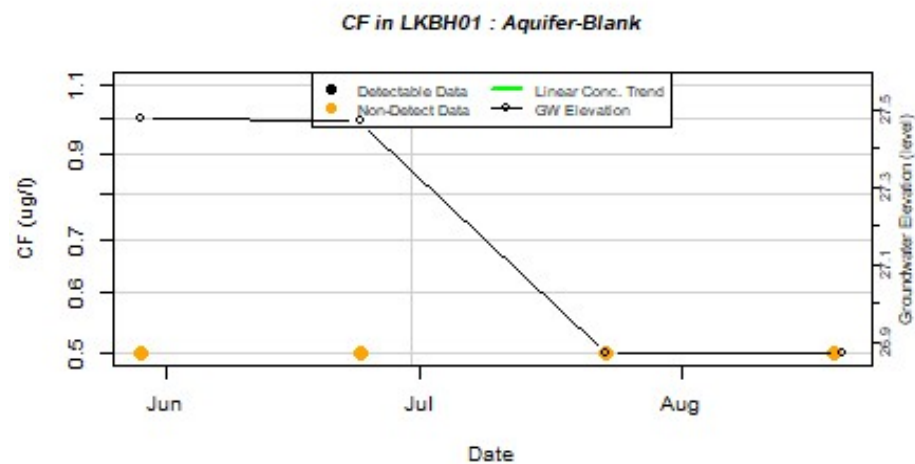
Spatiotemporal Predictions for VC at Plot NT02-04: Aquifer-Blank

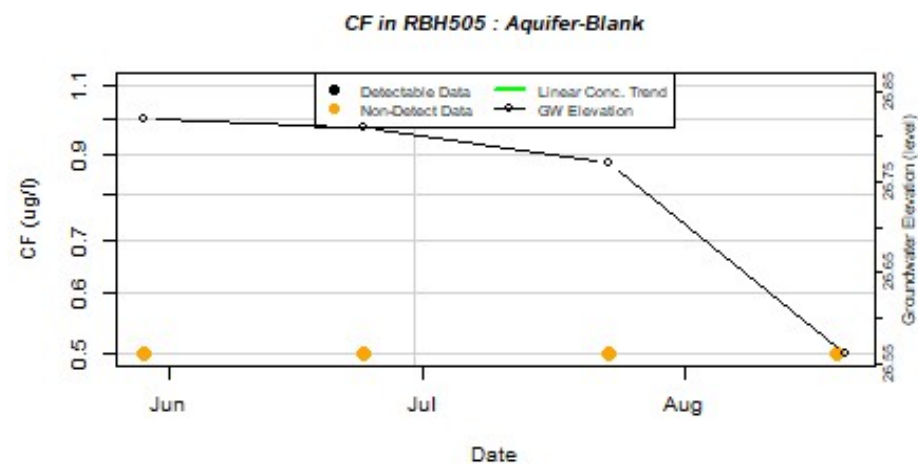
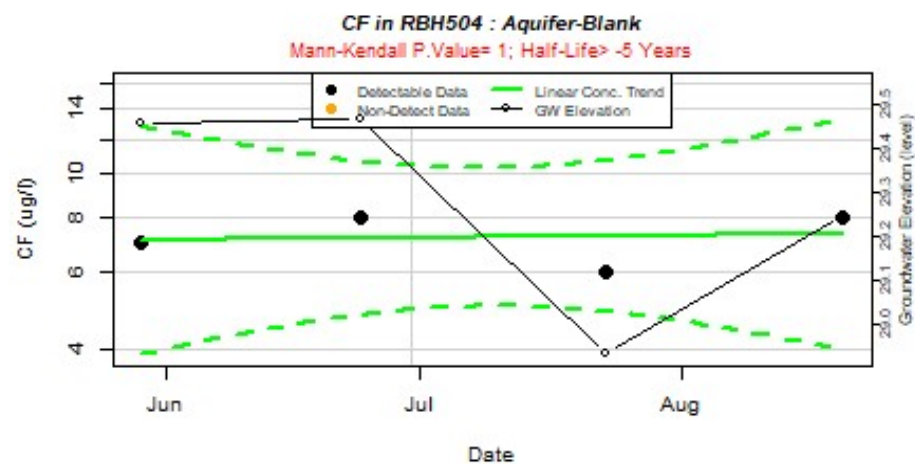
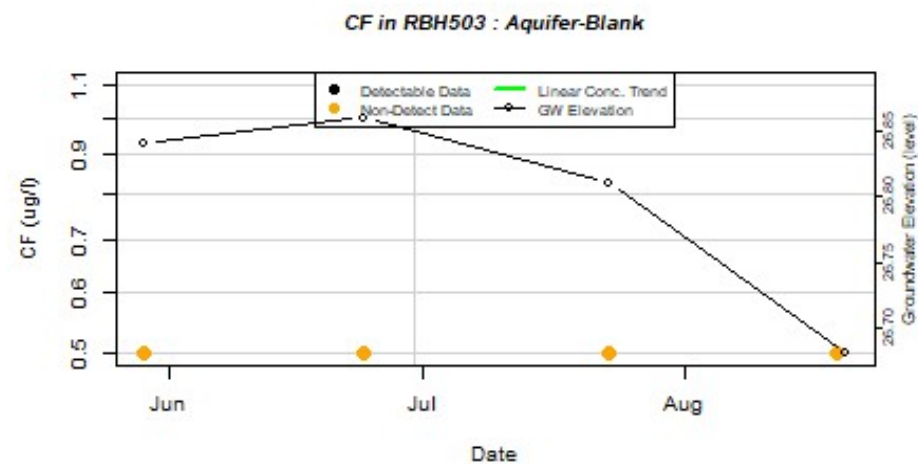
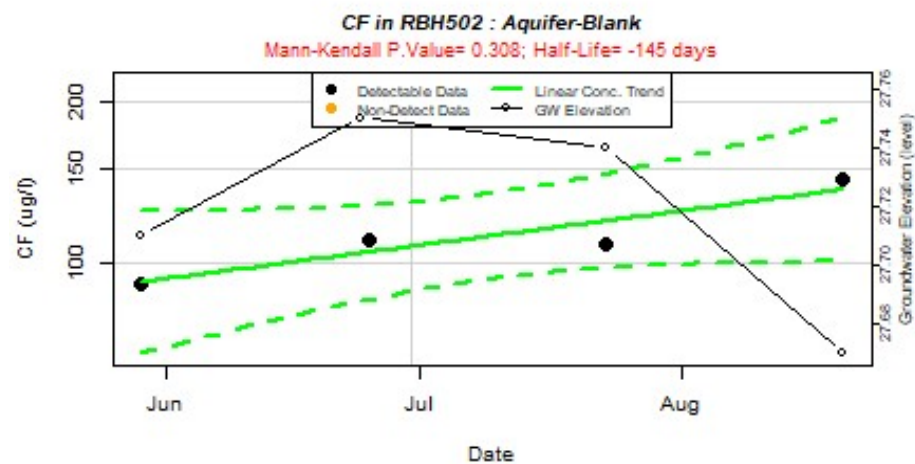
— Spatiotemporal Prediction • Detectable Data • Non-Detect Data



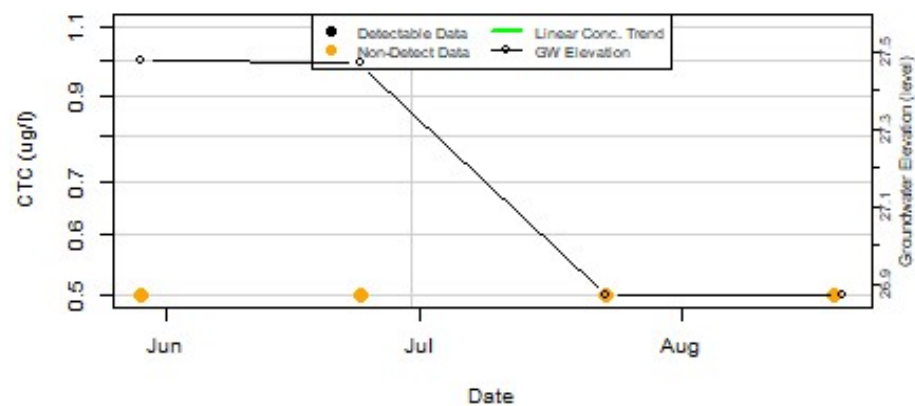




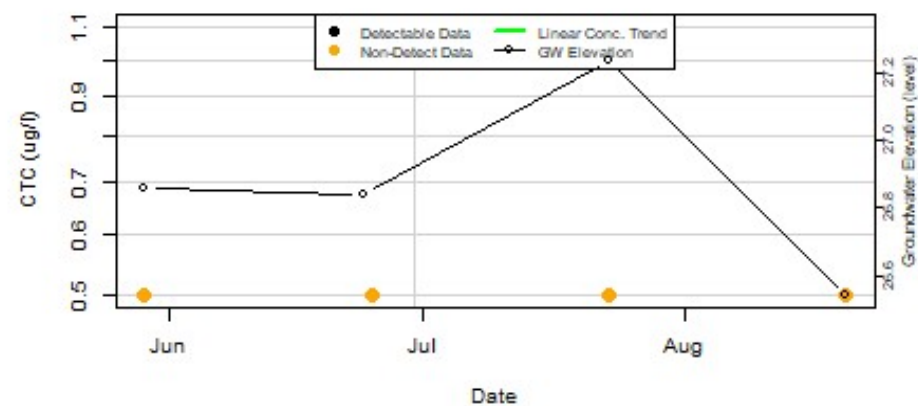




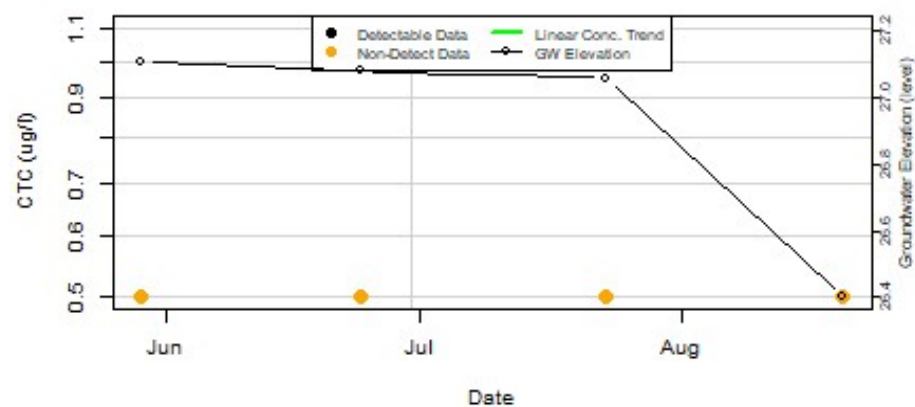
CTC in LKBH01 : Aquifer-Blank



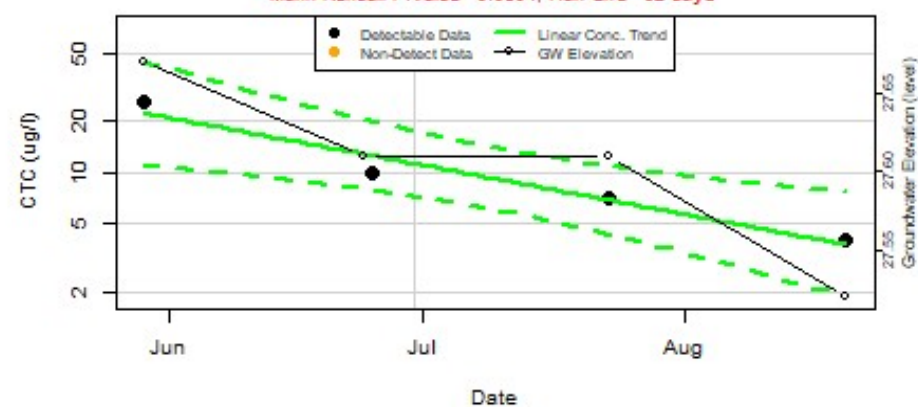
CTC in RBH203 : Aquifer-Blank

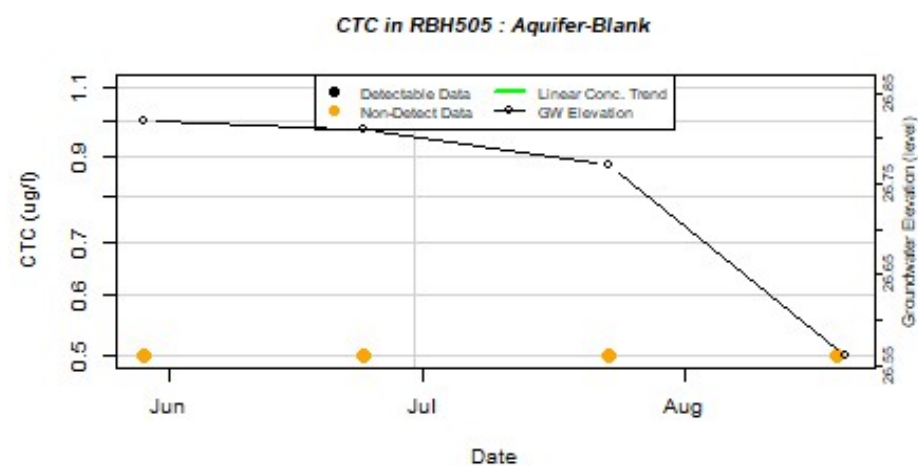
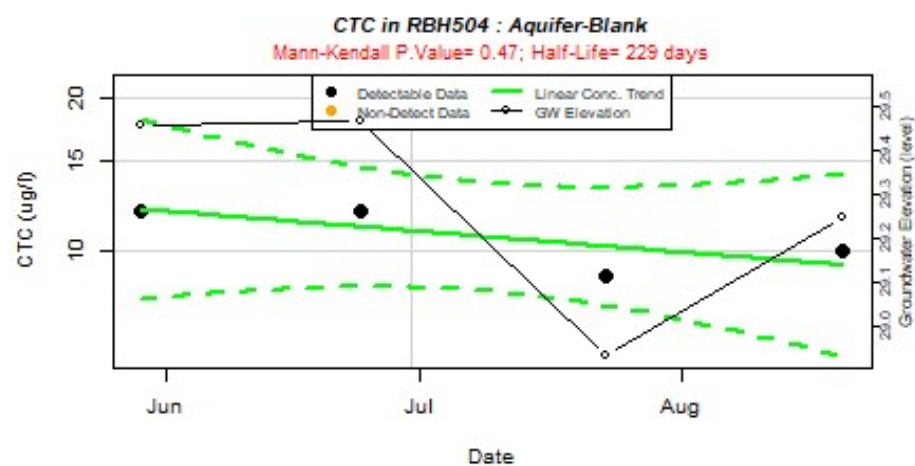
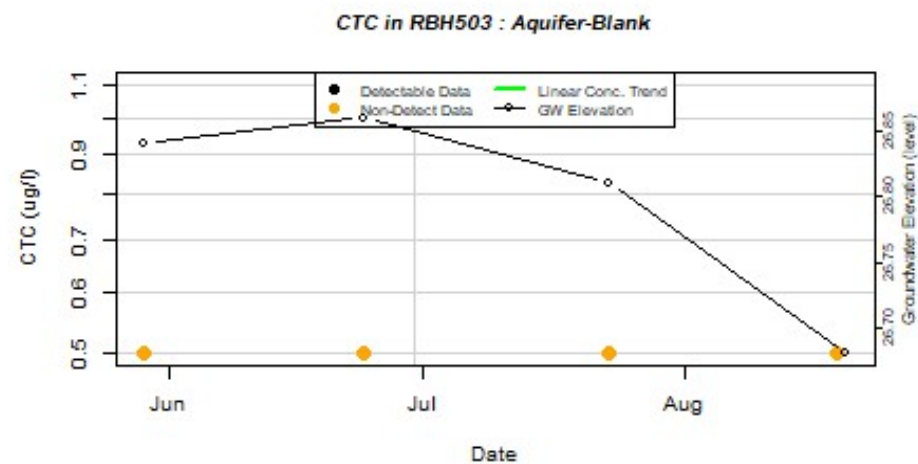
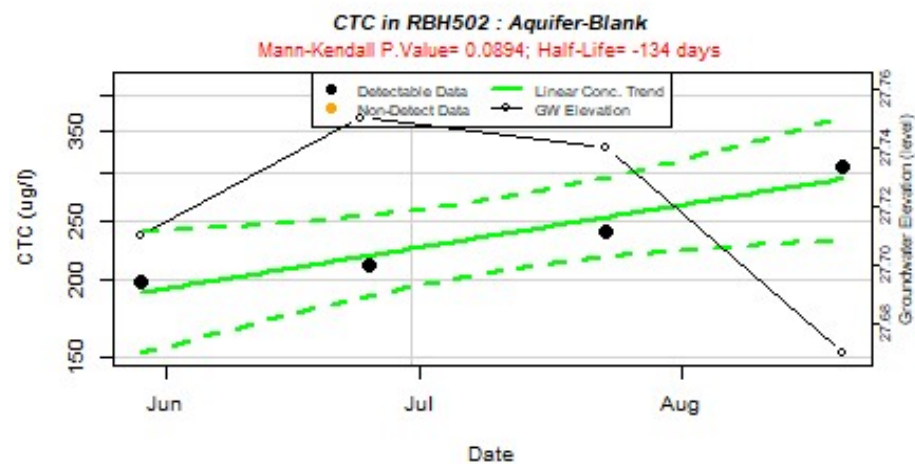


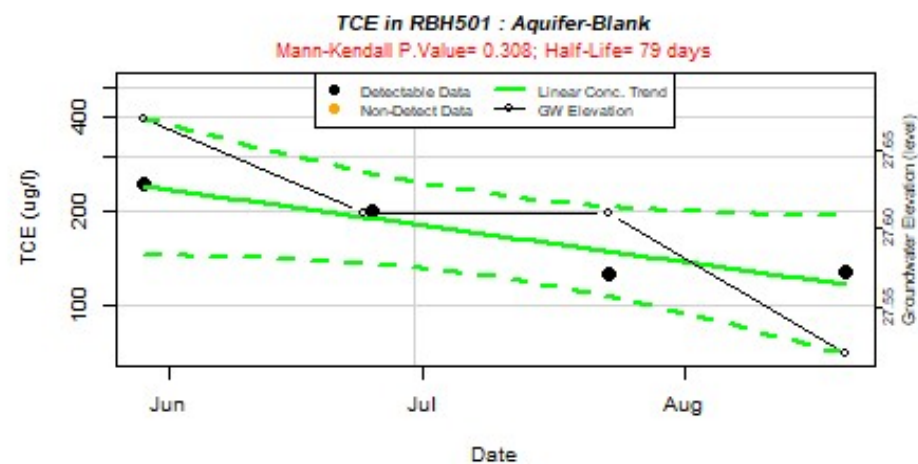
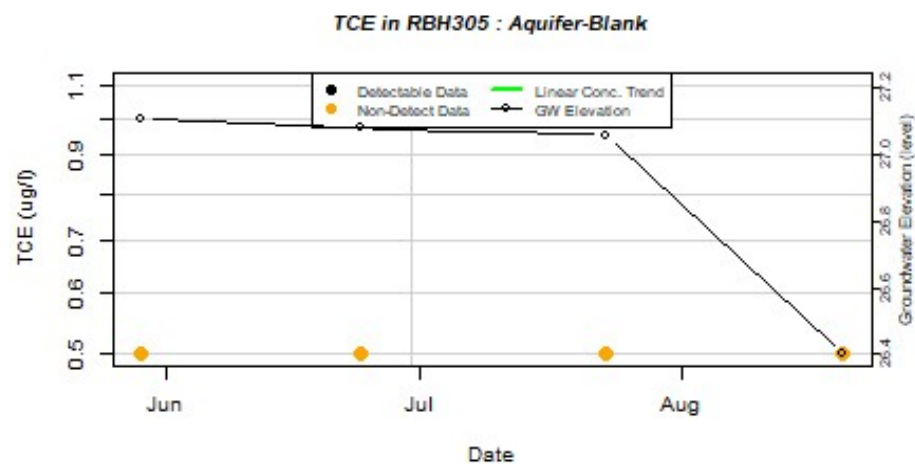
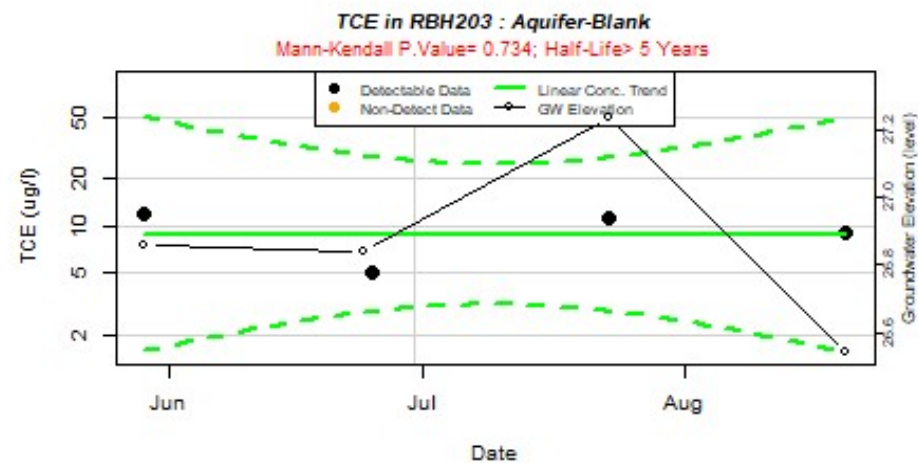
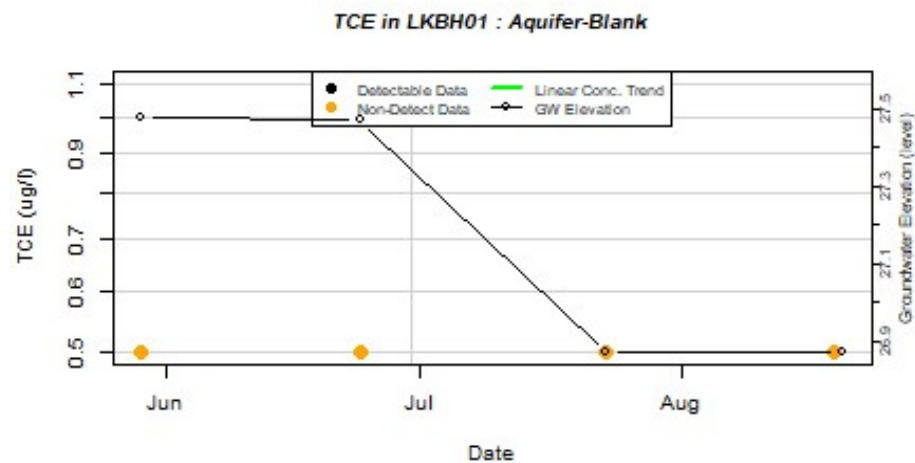
CTC in RBH305 : Aquifer-Blank

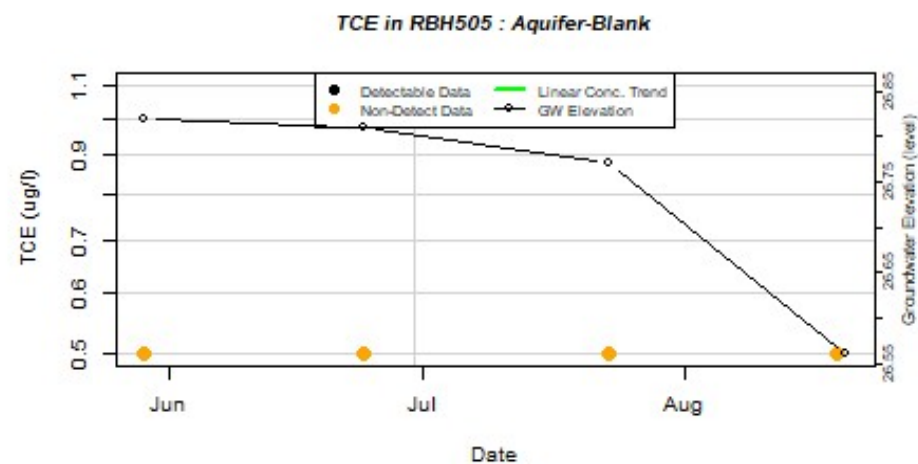
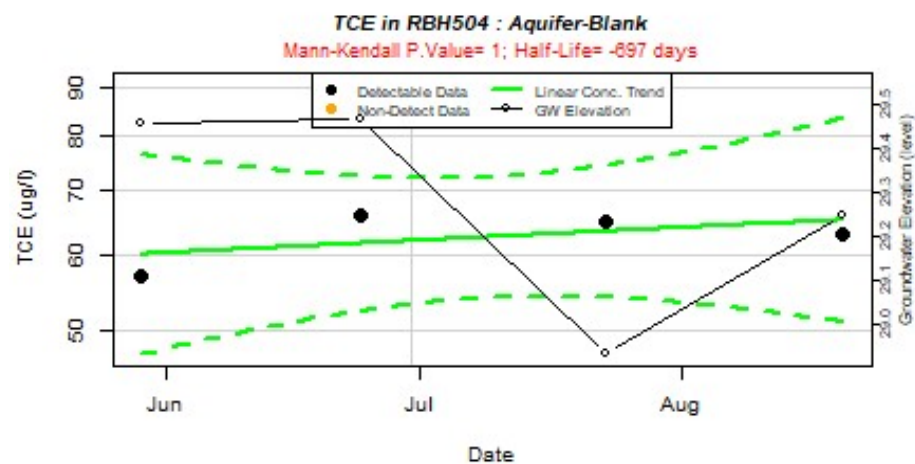
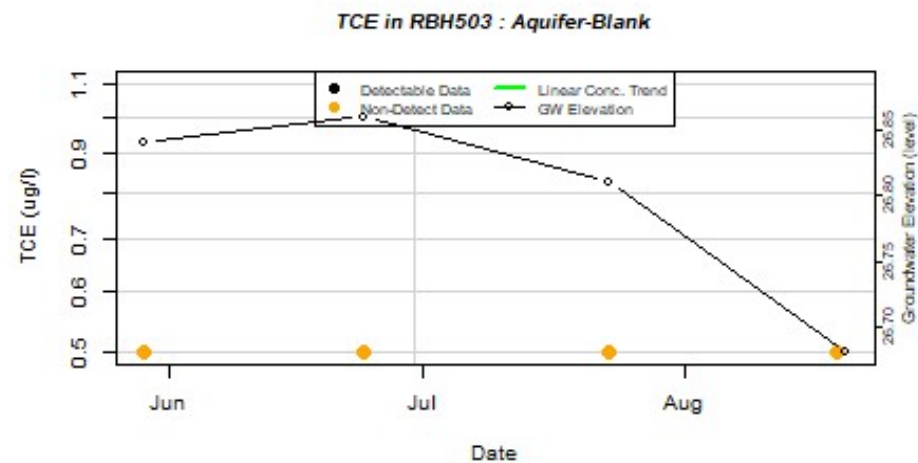
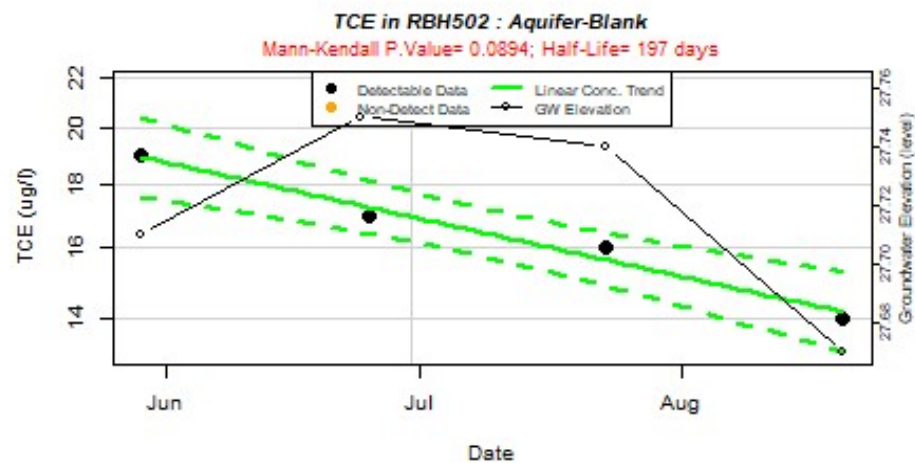


CTC in RBH501 : Aquifer-Blank
Mann-Kendall P.Value= 0.0894; Half-Life= 32 days



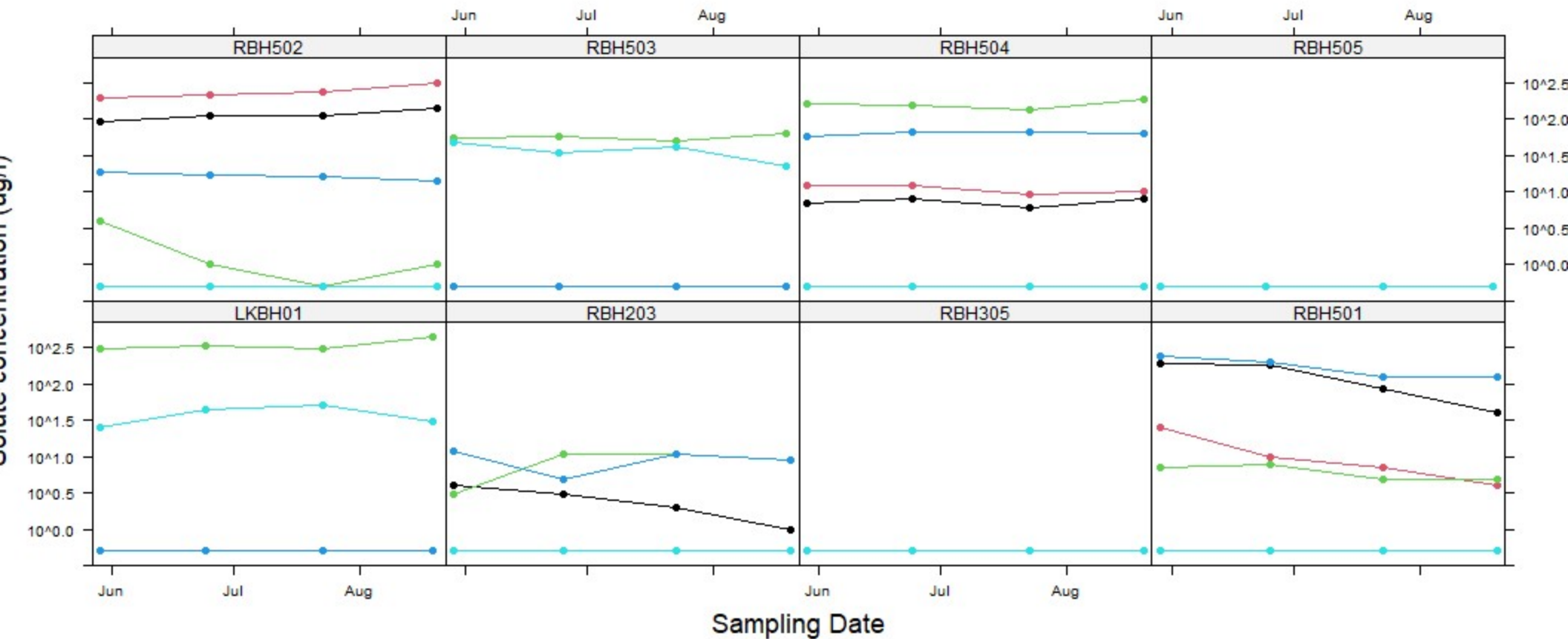






Plot NT02-04: Aquifer-Blank

● CF ● DCE ● VC
 ● CTC ● TCE





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APPENDIX F – DWS SCREENING SHEETS

25/09/2025 1 of 2 RSK Water GQRA Tool version: 10

25/09/2025

Notes for GQRA (water) Screening Tool Output	
Details of the GAC used in the GQRA and the GAC version are displayed at the top of the output screening sheet.	
Full details of the GAC derivation are included in a separate appendix document	
Any laboratory results that are shown as appended (e.g. Tentatively Identified Compounds, certain subcontracted results e.g. Hg etc.) are not screened against the GAC in the report output. These results will be included in an appendix to the main report.	
Certain groups of analytes are summed within the tool (these results are shown as the analyte names with the prefix "SUM", for example 'SUM - chromium trivalent plus hexavalent'), which is required to enable a comparison of laboratory results to the GAC, which is a sum of certain analytes.	
Where analytes have been summed, any concentration reported as below the laboratory method detection limited is treated as zero.	
Certain GACs are calculated (e.g. ammoniacal nitrogen reported as N, NH ₃ or NH ₄) from the primary GAC. The GAC is therefore the same, but expressed as a different molecular weight. These are shown in italics.	
Relevant laboratory methods (e.g. leachate dilutions) are included in the section entitled 'Methods'.	
Analyte groupings are based on the Envirolab laboratory reporting groups.	
* denotes a non-statutory GACs (e.g. <i>ethylbenzene</i> *).	
Shading of cells (individual results and the GAC/T1) has the following meaning:	
GAC	GAC definitely exceeded
GAC	GAC <u>may</u> be exceeded (e.g. lab results include a < or > symbol)
T1	First level screening threshold definitely exceeded (for project specific GAC please refer to the appended GAC document for details of derivation of T1)
T1	First level screening threshold <u>may</u> be exceeded (e.g. lab results include a < or > symbol)
T1	First level screening threshold, equating to:
	GrAC: Result compared to the theoretical aqueous solubility limit.
<i>Comment</i>	Applicable across all GrACs. Where the GrAC has been set at the theoretical aqueous solubility for the analyte, which is below the modelled assessment criteria.
	EQS Cadmium: Compared to lowest EQS for Class 1 <40mg/l CaCO ₃ /l.
<i>Comment</i>	Freshwater EQS for cadmium is hardness dependent.
	EQS Copper: Compared to EWS for the lowest Dissolved Organic Carbon (DOC) of <1mg/l.
<i>Comment</i>	Transitional waters EQS for copper is DOC dependent, compared to lowest Dissolved Organic Carbon (DOC) of <1mg/l.
	EQS Aluminium (Scotland only): Compared to EQS for pH >6.5.
<i>Comment</i>	Freshwater EQS for aluminium (Scotland) is pH dependent and only applicable at a pH >6.5.
	DWS/RPV Aro EC8-10: Total compared to DWS/RPV for ethylbenzene (conservative assessment).
<i>Comment</i>	Aro EC8-10 fraction contains xylenes, ethylbenzene and trimethylbenzene.
	DWS/RPV chromium total: Total is compared to CrVI (conservative assessment) for either freshwater or for transitional waters.
<i>Comment</i>	Freshwater and transitional EQS are a sum of the individual EQS for CrVI and CrIII (8.1ug/l).
grey font	Where individual reported concentrations are presented in grey (not black) font, the result was below the laboratory method detection limit.
	Where cells are shaded grey, <u>all</u> results for that analyte are below the laboratory method detection limit

Analyte	Unit	GAC	T1	Max	Min	Count	# Detects	# Non-detects	# exceeding	# exceeding	Max sample (ID, depth and date)
									GAC	T1	
Inorganics											
Sulphate (v	µg/l	250000		367000	<1000	8	7	1	3		RBH305: 7.2 (08/20/2025)
Metals											
Arsenic (di	µg/l	10		19	<1	8	6	2	2		LKBH01: 11 (08/19/2025)
Cyanide (tc	µg/l	50		289	<5	8	4	4	1		RBH505: 11 (08/19/2025)
Volatile organic compounds											
Carbon Tet	µg/l	3		307	<1	32	12	20	12		RBH502: 16.4 (08/20/2025)
Chloroform	µg/l	100		193	<1	32	16	16	5		RBH501: 13 (05/29/2025)
cis 1,2-Dic	µg/l	50*		244	<1	32	23	9	11		LKBH01: 11 (08/19/2025)
Hexachloro	µg/l	0.1		<1	<1	32	0	32	32		
trans 1,2-D	µg/l	50*		198	<1	32	13	19	4		LKBH01: 11 (08/19/2025)
Trichloroet	µg/l	10		244	<1	32	16	16	14		RBH501: 13 (05/29/2025)
Vinyl Chlor	µg/l	0.5		51	<1	32	8	24	32		LKBH01: 13 (07/23/2025)
SUM - TCE	µg/l	10		244	<1	32	16	16	14		RBH501: 13 (05/29/2025)
SUM - 1,2 L	µg/l	50*		442	<1	32	23	9	12		LKBH01: 11 (08/19/2025)
SUM - triha	µg/l	100		193	1	32	16	16	5		RBH501: 13 (05/29/2025)
Petroleum hydrocarbons											
Aro >C5-C	µg/l	1		166	<1	32	8	24	8		LKBH01: 11 (08/19/2025)
Benzene	µg/l	1		79	<1	16	4	12	4		LKBH01: 13 (07/23/2025)
BTEX - Ben	µg/l	1		166	<1	32	8	24	8		LKBH01: 11 (08/19/2025)



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APPENDIX G – RTV SCREENING SHEETS

Project namePlots NT02-04 Northern Gateway Project code4328 Client nameFar East Consortium AddressSouth of Dantzic Street Manchester NGRE384690, N399470 ScenarioComparison to RTV				Notes		RSK	

Project name	Plots NT02-04 Northern Gateway
Project code	4328
Client name	Far East Consortium
Address	South of Dantzic Street Manchester
NGR	E384690, N399470
Scenario	Comparison to RTV

Lab sample ID	25/08080/5	25/09222/5	25/05709/8	25/06839/3	25/08080/3	25/09125/3
Client sample ID	RBH504	RBH504	RBH505	RBH505	RBH505	RBH505
Depth to top	8	9	10	10	10	11
Depth to bottom						
Date sampled	23/07/2025	20/06/2025	29/05/2025	24/06/2025	23/07/2025	19/08/2025

Analyte	Unit	Max	Min	Count	# Detects	# Non-dete						
Volatile organic compounds												
Carbon Tetrachloride	µg/l	307	<1	35	12	23	9	10	<1	<1	<1	<1
Trichloroethene	µg/l	244	<1	35	16	19	89	89	<1	<1	<1	<1
Vinyl Chloride	µg/l	51	<1	35	10	25	<1	<1	<1	<1	<1	<1
SUM- 1,2 Dichloroethene (cis and trans)	µg/l	442	<1	35	25	10	146	146	<1	<1	<1	<1



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